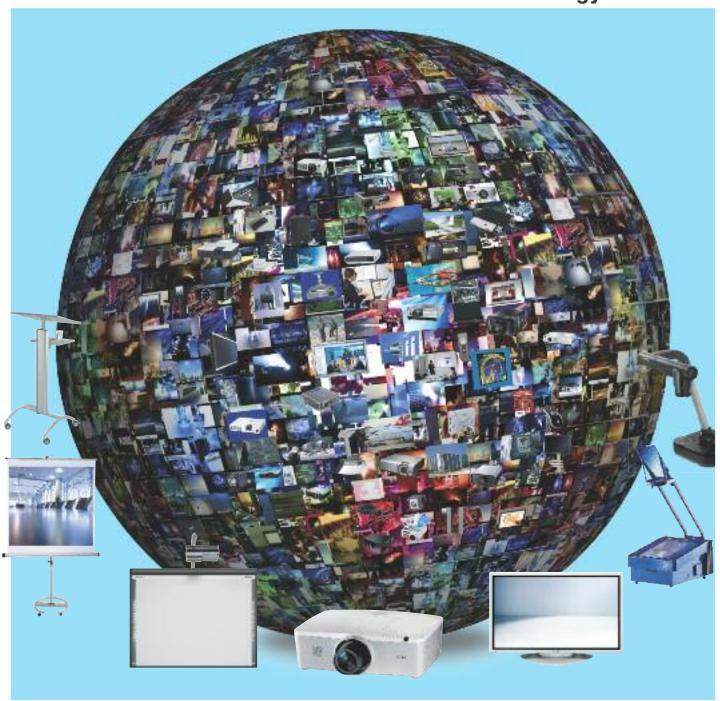
MEDIUM

The Whole World of Presentation Technology





Tél: 71 286 810 Fax: 71 286 140 12, rue Mohamed Ali Jenah - Tunis Site Web: www.presert.com E-mail:commercial@presert.com







MEDIUM – Your Specialist for Presentation Technology

More than 20 years of the **MEDIUM** catalogue – more than 20 years of technical highlights of the best quality

With a range now expanded to more than 5,000 products, for more than thirty years MEDIUM has been successfully providing the most comprehensive and up-to-date portfolio in the world of presentation and conference technology to customers in Germany and in more than 90 export countries. Convince yourself with the current catalogue 2011/12:

The multi-distributor MEDIUM and its chosen sales partners can supply the ideal equipment to meet all your presentation requirements, complete with the necessary accessories.

Take advantage of our extensive service!

Expert advice:

Consult to your MEDIUM sales partner for professional product advice.

Product presentation:

We are pleased to demonstrate individual products as required.

The catalogues

Alongside this main 2011/12 catalogue,

MEDIUM has complied two specialised catalogues:

The **Screens Catalogue** shows the variety of different projection surfaces we can offer you, with which we can meet all requirements (available in PDF

The **Presentation Accessories Catalogue** contains a comprehensive range of accessories with everything you need to ensure that your presentation are successful every time.

MEDIUM on the Internet

Alongside detailed product information and picture galleries,

you will find our assistants on our homepage:

Digital projector assistant: helps you through the jungle of features

and shows all suitable models for you.

Lamp assistant: quickly and simply finds the spare lamp for almost any digital projector model.

Comparison assistant: you can conveniently compare up to

four different products in a chart.

Visit us regularly:

www.medium.de



Request our special catalogues: Screens (available in PDF format) **Presentation Accessories**



All products from A to Z

A	The second secon	R
Active speakers 61	Introduction	Rail System 120-121
Anti-theft Protection, Projectors 56	Digital Projectors with Specific Features 37	RCS Sound Desk 60
Audio 60-61	Education Digital Projectors 42	Roller Screens Manual 103
AVerMedia Visualizers 80	High Resolution Digital Projectors 23	Roller Screens 98-101, 105, 107
Avio Digital Projectors 40	Installation Digital Projectors 46	
	Screens 88	S
В	Short Throw Digital Projectors 19	SANYO
BenQ Digital Projectors 20, 28	Ultra-Short Throw Digital Projectors 11	Digital Projectors 6,12,21,26,27,33,34,38,45
Board Systems and Flip Chart Accessories 125	Ultra Portable Digital Projectors 4	SANYO LC Flat Displays 63
Boards 120-124, 126, 127	Widescreen Digital Projectors (16:10) 31	Samsung Visualizers 81
Board Tripods 125	Interactive Presentations 71-75	Screens 88-109
Board Systems 122-123		Stationary Large Screens 102
Brochure Stand 129	L	Stationary Hand Crank Screens 104, 106
	Large Screens 102	Stationary Frame Screens 89
C	Laser Pointer 56	Stationary Roller Screens 103
Cables (Digital Projectors) 57-59	Lecterns 115	Stationary Roller Screens 98-101, 105, 107
Camera Systems 79-81	Lectern System 60	Stereo Amplifiers 61
(see Presentation Cameras)	LG Digital Projectors 21, 41, 49	
Canon Digital Projectors 24, 25, 47	M	Transparancies (Defer to Presentation
Carry Bags (Digital Projector/Laptop) 56	M	Transparencies (Refer to Presentation
CASIO Digital Projectors 2, 3, 20, 47 Ceiling Mounts 66-70	Mobile Floor Screens 94-95 Mobile Table Screens 90	Transparencies) 85
(Digital Projectors/Flat Displays)	Mobile Frame Screens 96-97	Technical Data Digital Projectors with
CONCEPT1 (Audio) 61	Mobile Tripod Screens 91-93	Specific Features 41
Copyboards 86-87	Mounts for Interactive Boards 76-78	Education Digital Projectors 45
Copyboard Accessories 86-87	Mouse Remote Controls 64-65	High Resolution Digital Projectors 30
copybodia Accessories co or	Multifunctional Boards 122, 127	Installation Digital Projectors 53-54
D	Multifunctional Tables 116-119	Short Throw Digital Projectors 22
Daylight Projectors	Multimedia Furniture 110-114	Ultra-Short Throw Digital Projectors 17-18
(Refer to Overheadprojectors) 82-85	MW RollFix Accessories 108-109	Ultra Portable Digital Projectors 9-10
Digital Projector Mounts 67-70		Widescreen Digital Projectors (16:10) 36
Digital Projector Tables 110, 118, 119	N	Tables 116-119
Digital Projectors (Refer to Projectors) 2-54	NEC Flat Displays 62	
Digital Projector Accessories 56, 57, 64, 65	NEC Digital Projectors 9, 16, 35, 52	U
Distribution amplifiers 57-59		Universal Mounts 66-70
	0	
E	Optoma Digital Projectors 8, 29, 33, 53	V
Electric Ceiling Lift 70	Overheadprojectors 82-85	Varioboard 127
Epson Digital Projectors 5,14,15,39,43,48	Overheadprojector Accessories 85	Visualizers 79-81
ELMO Visualizers 79	Overheadprojector Tables 116-117	Vivitek Digital Projectors 6, 17, 28, 32, 50
F	P	w
Flat Displays 62-63	Panasonic Interactive Whiteboard 74	Wacom Panel 72
Flat Displays 66	Panasonic Copyboards 87	Whiteboards 122-123
Flip Charts 121, 124, 127	PaperShow 71	Willeboards 122-120
Flip Chart Accessories 125	Partition Boards 128	
Folding Protection Screens 96-97	Pin Boards 121,123	
Frame Screens 89	PLUS Copyboards 86	
Furniture 110-114, 118, 119, 129	Presentation Transparencies 85	
	Presentation Aids 64-65	
н	Presentation Cameras 79-81	
Hand Crank Screens 104, 106	Presentation Furniture 116-119, 129	
Hitachi Digital Projectors 7, 13, 29, 32, 44, 49	Presentation Accessories 57-61	
Hitachi Interactive Presentation 72, 75	Projectors 2-54	
Hitachi Interactive Whiteboard 75	Projector Mounts 67-70	
Home Cinema Screens 100-101	Projector Spare Lamps 55	
	Presentation Boards 126	
	Presentation Cases 127	
		MEDIUM









CASIO XJ-M series - 20,000 hours without replacing a lamp





- No costs for spare lamps!
- No risk of failure due to defective lamps!
- No servicing and administration due to lamp replacement!

CASIO XJ-M series

- 20,000 operating hours thanks to Laser&LED hybrid technology
- 1.5x optical zoom
- HD ready, WXGA models only
- 3D compatible (not for 3D Blue-ray)
- Mobile presentations without a PC directly from a USB stick or Smartphone (USB/WLAN models/XJ-Mxx5 only)

Attention: These products are only available in selected countries.

CASIO XJ-M140/XJ-M145	
Resolution	XGA
Technology	DLP
ANSI lumens	2,500
Weight	3.9 kg
Code No. 1000XJM140/1000XJM145	Price on request

CASIO XJ-M150/XJ-M155	
Resolution	XGA
Technology	DLP
ANSI lumens	3,000
Weight	3.9 kg
Code No. 1000XJM150/1000XJM155	Price on request

CASIO XJ-M240/XJ-M245	
Resolution	WXGA
Technology	DLP
ANSI lumens	2,500
Weight	3.9 kg
Code No. 1000XJM240/1000XJM245	Price on request

CASIO XJ-M250/XJ-M255	
Resolution	WXGA
Technology	DLP
ANSI lumens	3,000
Weight	3.9 kg
Code No. 1000XJM250/1000XJM255	Price on request



CASIO XJ-A series



- No costs for spare lamps!
- No risk of failure due to defective lamps!
- No servicing and administration due to lamp replacement!

GreenSlim XJ-A series

- 20,000 operating hours thanks to Laser&LED hybrid technology
- The 2x optical motor zoom and motor focus offer absolute flexibility due to optimal adjustment to the conditions in the room
- Ultra-flat design (43 mm)
- Mobile presentations without a PC directly from a USB stick (USB/WLAN models only)
- WLAN compatible (USB/WLAN models only)
- HD ready (WXGA models only)

Attention: These products are only available in selected countries.



CASIO XJ-A140/XJ-A145	
Resolution	XGA
Technology	DLP
ANSI lumens	2,500
Weight	2.3 kg
Code No.1000XJA140/1000XJA145	Price on request

CASIO XJ-A150/XJ-A155	
Resolution	XGA
Technology	DLP
ANSI lumens	3,000
Weight	2.3 kg
Code No.1000XJA150/1000XJA155	Price on request

CASIO XJ-A240/XJ-A245	
Resolution	WXGA
Technology	DLP
ANSI lumens	2,500
Weight	2.3 kg
Code No.1000XJA240/1000XJA245	Price on request

CASIO XJ-A250/XJ-A255	
Resolution	WXGA
Technology	DLP
ANSI lumens	3,000
Weight	2.3 kg
Code No.1000XJA250/1000XJA255	Price on request

CASIO Laser&LED hybrid technology

- Innovative and environmentally-friendly mercury-free light source
- Durable and hard-wearing, 20,000 operating hours without replacing the lamp
- No risk of failure due to defective lamps!
- An investment without cost of ownership, no servicing and administration due to lamp replacement





No lamp replacement

No follow-up costs

The innovative semi-conductor light source technology developed by CASIO unites LED and laser into a completely new, mercury-free light source. The new generation of projectors with Laser&LED technology has a light output of up to 3,500 ANSI lumen and produces brilliant colours

for impressive presentations even by daylight. This revolutionary light source has a service life of 20,000 hours, can be switched on and off without delay and is ready to use in just 8 seconds.

With a service life of up to 20,000 hours, the Laser&LED hybrid technology beats the service life of standard lamps for projectors several times over. 20,000 hours means: 10,000 two-hour business presentations or more than 13,000 live soccer games in large format with friends at home.







With the Laser&LED hybrid technology, the cost of lamp replacement involved with standard projectors becomes a thing of the past. For an operating period of approx. 20,000, you used to need up to nine lamps

costing a total of around 3,200 Euro these costs do no longer apply with the new CASIO Laser&LED hybrid technology.

Laser&LED hybrid technology makes handling installed projectors much easier. Because lamp replacement is no longer required, the complicated exchange of lamps and realignment of standard projectors is not necessary.



Introduction to ultra portable digital projectors

Digital projectors in this class are generally characterised by the small housing and are intended for users who travel quite frequently and give presentations in small to medium-sized rooms.

Features

- Ideal for mobile use: Weight up to a maximum of 2.5 kg
- Brightness up to 3,000 ANSI lumens for small to medium-sized rooms
- PC-free presentations means it is not necessary to take a
- notebook computer with you (selected models)
- Direct power on/off for switching the projector on and off without waiting
- Automatic set-up means the projector is ready to use in seconds (selected models)

Overview of ultra portable digital projectors



CASIO XJ-M series

Page 2



CASIO XJ-A series

Page 3



Epson EB-1750/EB-1760W/EB-1770W

Page 5



SANYO PLC-XD2600

Page 6



Vivitek D330MX/D330WX

Page 6



Hitachi ultra portable digital projectors Page 7





Optoma EW330e, Optoma EX7155e Page 8



NEC NP43/NP64 Page 9

Technical data of ultra portable digital projectors Pages 9-10.



Epson EB-1750/EB-1760W/EB-1770W – extra flat and ultra-light for mobile business presentations









- Compact and light with just 1.7 kg
- Standard wide angle lens for large images from a short distance
- Automatic vertical and manual horizontal trapezoidal correction for easy alignment
- HDMI input (except EB-1750)
- Present without a PC from a USB stick
- Quick set-up and immediate shut-down
- 3in1 USB display: image and sound transmission and transparency management using USB (except EB-1750)
- Optional WLAN (EB-1760W and EB-1770W)
- Direct power on/off

Epson EB-1750	
Resolution	XGA
Technology	LCD
ANSI lumens	2,600
Weight	1.7 kg
Code No.1000EB1750	Price on request

Epson EB-1760W	
Resolution	WXGA
Technology	LCD
ANSI lumens	2,600
Weight	1.7 kg
Code No.1000EB1760W	Price on request

Epson EB-1770W	
Resolution	WXGA
Technology	LCD
ANSI lumens	3,000
Weight	1.7 kg
Code No. 1000EB 1770W	Price on request

Warranty extension for all Epson models on request.



Accessories

Epson Visualizer (ELP-DC06)

This unit is easy to connect via USB (type A). A separate power pack is not necessary. Code No. 19010-DK

WLAN adapter

for EB-1750/EB-1760W/EB-1770W Code No. 19010-AP07

Quick WLAN USB stick

for EB-1750/EB-1760W/EB-1770W (Only possible when using the WLAN adapter) Code No. 19010-AP08



Soft case included in



SANYO PLC-XD2600 – the ultra light allrounder with low follow-up costs







- Automatic set-up means the projector is ready-to-use in seconds
- Board mode for optimal adjustment to coloured projection surfaces
- **Network control function** via RJ45 (LAN)
- Direct power on/off for switching the projector on and off without waiting
- MyLogo function for entering an individual logo

SANYO PLC-XD2600	
Resolution	XGA
Technology	LCD
ANSI lumens	2,600
Weight	2.6 kg
Code No. 1000XD2600	Price on request







Vivitek D330MX/D330WX ultra compact and light design

- Ultra compact and light design with just 1.45 kg
- HDMI V1.3 input for digital computer
- Optimal image contrast with 2,500:1
- BrilliantColor™ Technology for the best possible image quality

Vivitek D330MX	
Resolution	XGA
Technology	DLP
ANSI lumens	3,000
Weight	1.45 kg
Code No. 1000330MX	Price on request

Vivitek D330WX	
Resolution	WXGA
Technology	DLP
ANSI lumens	3,000
Weight	1.45 kg
Code No. 1000330WX	Price on request

Attention: These products are only available in selected countries.



Hitachi ultra portable digital projectors – optimal projection performance, even in changing light conditions





- Practically maintenance-free technology with up to 4,000 hours lamp service life and up to 5,000 hours filter service life
 - (CP-X2520/CP-X3020 just 4,000 hours)
- Direct switch on and automatic shutdown function
- Optimal projection performance in changing light conditions thanks to automatic adaptation to the surrounding light
- Comprehensive anti-theft functions
- Wide angle lens (CP-X8 only)
- HDMI input (CP-X8, CP-WX8 only)

Hitachi CP-X7	
Resolution	XGA
Technology	3LCD
ANSI lumens	2,200
Weight	2.2 kg
Code No. 10007	Price on request

Hitachi CP-X8	
Resolution	XGA
Technology	3LCD
ANSI lumens	2,700
Weight	2.2 kg
Code No. 10008	Price on request

Hitachi CP-WX8	
Resolution	WXGA
Technology	3LCD
ANSI lumens	2,600
Weight	2.2 kg
Code No. 1000WX8	Price on request

Hitachi CP-RX79	
Resolution	XGA
Technology	3LCD
ANSI lumens	2,200
Weight	2.2 kg
Code No. 1000RX79	Price on request

Hitachi CP-X9	
Resolution	XGA
Technology	3LCD
ANSI lumens	3,200
Weight	2.2 kg
Code No. 10009	Price on request

Hitachi CP-X2520	
Resolution	XGA
Technology	3LCD
ANSI lumens	2,700
Weight	2.2 kg
Code No. 1000X2520	Price on request

Hitachi CP-X3020	
Resolution	XGA
Technology	3LCD
ANSI lumens	3,200
Weight	2.2 kg
Code No. 1000X3020	Price on request





Optoma EW330e - the world's lightest projector in wide-screen format





- This unit is as small as a handbag and perfect for mobile presentations at just
- Genuine 16:10 WXGA resolution for the largest range of applications at work and in home entertainment
- This projector also supports 16:9 and 4:3 formats
- Astonishing 5,000 hour lamp lifetime (eco mode)
- Fully functional remote control with laser pointer and mouse remote control
- 5 year Optoma colour warranty
- No maintenance work thanks to filter-free DLP design
- Also available as EX330e in XGA resolution

Optoma EW330e	
Resolution	WXGA
Technology	DLP
ANSI lumens	2,200
Weight	1.2 kg
Code No. 1000EW330E	Price on request



Optoma EX7155e light, bright and perfect design





- Just 1.4 kg in weight
- HDMI input for perfect signal transmission
- Fully functional remote control with laser pointer and mouse remote control
- The very short start and cool-down times save you time and money
- Customers can set their own specific start screen
- 5 year Optoma colour warranty
- No maintenance work thanks to filter-free DLP design
- Carry bag included in the delivery standard
- Also available with WXGA resolution (EW1691e)

Optoma EX7155e	
Resolution	XGA
Technology	DLP
ANSI lumens	3,000
Weight	1.4 kg
Code No. 1000EX7155E	Price on request



NEC NP43/NP64 – user-friendly with auto focus



NEU NEW

- Auto focus: simply switch it on and the projector focuses the screen on its own
- Costumer friendly thanks to automatic trapezoidal correction, automatic power on function and automatic signal recognition
- BrilliantColor™ technology from Texas Instruments for improved colour reproduction in more accurate detail
- VIDI technology: the lamp technology from Philips improves colour reproduction, production of grey levels and extended colour space

NEC NP43	
Resolution	XGA
Technology	DLP
ANSI lumens	2,300
Weight	1.7 kg
Code No. 1000NP43	Price on request

NEC NP64	
Resolution	XGA
Technology	DLP
ANSI lumens	3,000
Weight	1.7 kg
Code No. 1000NP64	Price on request





Technical data for ultra portable digital projectors

Model	CASIO XJ-M140/XJ-M145	CASIO XJ-A150/XJ-A155	CASIO XJ-M150/XJ-M155	CASIO XJ-M240/XJ-M245
ANSI lumens (normal/eco)	2,500/1,750	3,000 /n.s.	3,000/2,100	2,500/1,750
Resolution	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,280 x 800 (WXGA)
Technology	DLP	DLP	DLP	DLP
Contrast	1,800:1	1,800:1	1,800:1	1,800:1
Lamp lifetime in hours (normal/eco)	20,000	20,000	20,000	20,000
Distance to image width (throw ratio)	1.64 - 2.46:1	1.4 - 2.8:1	1.64 - 2.46:1	1.32 - 1.93:1
Fan noise in dB (normal/eco)	33/29	35/29	33/29	33/29
Dimensions H/W/D	8.4/31.1/24.4 cm	4.3/29.7/21.0 cm	8.4/31.1/24.4 cm	8.4/31.1/24.4 cm
Weight	3.9 kg	2.3 kg	3.9 kg	3.9 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty light source	depends on country	depends on country	depends on country	depends on country
Catalogue page	2	3	2	2
Code No.	1000XJM140/1000XJM145	1000XJA150/1000XJA155	1000XJM150/1000XJM155	1000XJM240/1000XJM245

Model	CASIO XJ-A250/XJ-A255	CASIO XJ-M250/XJ-M255	Epson EB-1750	Epson EB-1760W
ANSI lumen (normal/eco)	3,000/n.s.	3,000/2,100	2,600/1,500	2,600/1,700
Resolution	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)	1,024 x 768 (XGA)	1,280 x 800 (WXGA)
Technology	DLP	DLP	LCD	LCD
Contrast	1,800:1	1,800:1	2,000:1	2,000:1
Lamp lifetime in hours (normal/eco)	20,000	20,000	4,000/4,000	4,000/4,000
Distance to image width (throw ratio)	1.15 - 2.3:1	1.32 - 1.93:1	1.45 - 1.74:1	1.04 - 1.26:1
Fan noise in dB (normal/eco)	35/29	33/29	40/30	37/30
Dimensions H/W/D	4.3/29.7/21.0 cm	8.4/31.1/24.4 cm	4.4/21.0/29.2 cm	4.4/21.0/29.2 cm
Weight	2.3 kg	3.9 kg	1.7 kg	1.7 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty light source/original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	3	2	5	5
Code No.	1000XJA250/1000XJA255	1000XJM250/1000XJM255	1000EB1750	1000EB1760W



Technical data of ultra portable digital projectors

Model	Epson EB-1770W	SANYO PLC-XD2600	Vivitek D330MX	Vivitek D330WX
ANSI lumens (normal/eco)	3,000/1,700	2,600/1,690	3,000/2,400	3,000/2,400
Resolution	1,280 x 800 (WXGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,280 x 800 (WXGA)
Technology	LCD	LCD	DLP	DLP
Contrast	2,000:1	500:1	2,500:1	2,500:1
Lamp lifetime in hours (normal/eco)	4,000/4,000	4,000/6,000	2,000/3,000	2,000/3,000
Distance to image width (throw ratio)	1.04 - 1.26:1	1.62 - 1.92:1	1.9 - 2.2:1	1.53 - 1.76:1
Fan noise in dB (normal/eco)	37/30	34/29	32/30	32/30
Dimensions H/W/D	4.4/21.0/29.2 cm	9.42/33.35/24.70 cm	7.1/22.0/17.8 cm	7.1/22.0/17.8 cm
Weight	1.7 kg	2.6 kg	1.45 kg	1.45 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	5	6	6	6
Code No.	1000EB1770W	1000XD2600	1000330MX	1000330WX

Model	Hitachi CP-X7	Hitachi CP-X8	Hitachi CP-X9	Hitachi CP-X2520
ANSI lumens (normal/eco)	2,200	2,700	3,200	2,700/1,900
Resolution	1,024 x 768 (XGA)			
Technology	3LCD	3LCD	3LCD	3LCD
Contrast	500:1	500:1	500:1	500:1
Lamp lifetime in hours (normal/eco)	3,000/4,000	3,000/4,000	3,000/4,000	3,000/4,000
Distance to image width (throw ratio)	1.3 - 1.5:1	1.3 - 1.5:1	1.3 - 1.5:1	1.5 - 1.8:1
Fan noise in dB (normal/eco)	35/28	35/28	35/28	35/28
Dimensions H/W/D	7.7/30.6/22.1 cm	7.7/30.6/22.1 cm	7.7/30.6/22.1 cm	7.7/30.6/22.1 cm
Weight	2.2 kg	2.2 kg	2.2 kg	2.2 kg
Warranty projector	3 years	3 years	3 years	3 years
Warranty original lamp	6 months, max. 3,000 hours			
Catalogue page	7	7	7	7
Code No.	10007	10008	10009	1000X2520

Model	Hitachi CP-X3020	Hitachi CP-WX8	Optoma EW330e
ANSI lumens (normal/eco)	3,200/2,200	2,600	2,200/1,700
Resolution	1,024 x 768 (XGA)	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)
Technology	3LCD	3LCD	DLP
Contrast	500:1	500:1	2,000:1
Lamp lifetime in hours (normal/eco)	3,000/4,000	3,000/4,000	3,000/5,000
Distance to image width (throw ratio)	1.5 - 1.8:1	1.5 - 1.8:1	1.55 - 1.7 :1
Fan noise in dB (normal/eco)	35/28	35/28	34/31
Dimensions H/W/D	7.7/30.6/22.1 cm	7.7/30.6/22.1 cm	6.4/20.6/15.6 cm
Weight	2.2 kg	2.2 kg	1.2 kg
Warranty projector	3 years	3 years	depends on country
Warranty original lamp	6 months, max. 3,000 hours	6 months, max. 3,000 hours	depends on country
Catalogue page	7	7	8
Code No.	1000X3020	1000WX8	1000EW330E

Model	Optoma EX7155e	NEC NP43	NEC NP64
ANSI lumens (normal/eco)	3,000/2,400	2,300/n.s.	3,000/n.s.
Resolution	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)
Technology	DLP	DLP	DLP
Contrast	2,500:1	1,600:1	1,600:1
Lamp lifetime in hours (normal/eco)	2,000/3,000	2,500/3,500	2,500/3,500
Distance to image width (throw ratio)	1.8 - 2.2 :1	1.8 - 2.16 :1	1.8 - 2.16 :1
Fan noise in dB (normal/eco)	36/33	37/32	37/32
Dimensions H/W/D	7.1/22/17.8 cm	7.2/24.6/17.7 cm	7.2/24.6/17.7 cm
Weight	1.4 kg	1.7 kg	1.7 kg
Warranty projector	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country
Catalogue page	8	9	9
Code No.	1000EX7155E	1000NP43	1000NP64



Introduction to ultra-short throw digital projectors

The design of the ultra-short throw digital projectors reduces the distance to the projection down to a minimum and is perfectly suited to use with an interactive whiteboard, because you can work at the board without standing in the light beam from the projector. Due to the extremely short projection distance, the user is not dazzled and does not throw a shadow onto the projection surface.



Features

- Ultra-short throw digital projectors have a distance to image width ratio of below 0.4:1. This means that at a distance of 40 cm, you achieve an image width of 1 m
- Ultra-short throw digital projectors generally have a fixed focal length and the projection size is therefore determined by the distance
- There is no dazzle from the projector and no the speaker's shadow is not thrown on the screen from the speaker on the screen
- No tripping hazards due to cables lying around
- Perfect suitability for wall mounting installations or mounting on an interactive board

Tip:

If you intend to use ultra-short throw digital projector to project images onto a screen, a so-called "Tab Tension" screen (refer to page 100) should be used to warranty perfect flatness.

Overview of ultra-short throw digital projectors



SANYO PDG-DWL2500/PDG-DXL2000 Page 12



Hitachi CP-A300N/ED-A220N/ CP-AW250N Page 13



Epson EB-440/450W/460/455Wi/465i Page 14-15



NEC U-series Page 16



Vivitek D7 series Page 17

Technical data of ultra-short throw digital projectors Page 17-18.



SANYO PDG-DWL2500 and PDG-DXL2000 -







- Ultra-short throw digital projector: 80" image diagonal from a distance of just 2.4 cm (PDG-DWL2500) or 8.8 cm (PDG-DXL2000)
- Flexible installation solutions and applications due to horizontal and vertical projections
- The projector is perfect for **very small** rooms or rooms with low ceilings, display windows, architecture offices or for use with interactive boards
- PIN code lock and key lock function for your security





- MyLogo function for entering an individual logo
- Direct power on/off allows the projector to be switched on and off without waiting
- Control and management through LAN
- Integrated **3D function** (NVIDA optimised)
- Very maintenance-friendly thanks to the long-life air filter (up to 4,000 hours)
- 10-watt integrated speakers

SANYO PDG-DWL2500	
Resolution	WXGA
Technology	DLP
ANSI lumens	2,500
Weight	6.2 kg
Code No. 1000DWL2500	Price on request

SANYO PDG-DXL2000	
Resolution	XGA
Technology	DLP
ANSI lumens	2,000
Weight	6.2 kg
Code No. 1000DXL2000	Price on request





Wall mounts for SANYO PDG-DWL2500/ PDG-DXL2000 Code No. 1909-CHEX06





Hitachi ultra-short throw digital projectors -



- Projection without shadows, achieve an image width of 2.0 m at a distance of just 60 cm
- The ultimate in image quality and digital image correction for barrel, pincushion and corner distortion
- Long filter cleaning intervals of 5,000 hours
- 10-watt mono-speakers with no external active speakers necessary
- Extensive connection options incl. HDMI for presentations without a PC, with network and microphone input
- Simple installation and setting and a wall mount with precision adjustment on 6 axes is included in scope of supply

Hitachi CP-A300N	
Resolution	XGA
Technology	3LCD
ANSI lumens	3,000
Weight	3.8 kg
Code No. 1000CPA300N	Price on request

Hitachi ED-A220N	
Resolution	XGA
Technology	3LCD
ANSI lumens	2,200
Weight	3.8 kg
Code No. 1000EDA220N-S	Price on request

Hitachi CP-AW250N	
Resolution	WXGA
Technology	3LCD
ANSI lumens	2,500
Weight	3.8 kg
Code No. 1000CPAW250N	Price on request





Epson EB-440W/450W/460 -

the ideal partner for your interactive board





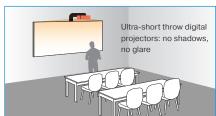


- From a distance of just 74 cm, a screen width of 2.00 m is achieved
- Image and sound transmission using USB instead of VGA cable for USB display
- Robust safety bars, password protection and a Kensington lock are provided for extra security
- Remote maintenance/control and image transfer using LAN (RJ45)
- The direct power on/off switch allows immediate shutdown without waiting
- High power integrated 10-watt speakers

Warranty extension for all Epson models on request.

Epson EB-440W	
Resolution	WXGA
Technology	LCD
ANSI lumens	2,200
Weight	5.7 kg
Code No. 1000EB440W	Price on request

Epson EB-450W	
Resolution	WXGA
Technology	LCD
ANSI lumens	2,500
Weight	5.7 kg
Code No. 1000EB450W	Price on request





Epson EB-460	
Resolution	XGA
Technology	LCD
ANSI lumens	3,000
Weight	5.7 kg
Code No. 1000EB460	Price on request



Accessories

Epson Visualizer (ELP-DC06) for EB-440W/450W/460

This unit is easy to connect via USB (type A). A separate power pack is not necessary. Code No. 19010-DK

Epson Visualizer (ELP-DC11) Code No. 19010-DC11

WLAN adapter (ELPAP03) for EB-440W/450W/460 Code No. 19010-24

Quick WLAN USB stick (ELPAP08) for EB-440W/450W/460

for quick and easy WLAN setup (only for use together with a WLAN adapter) Code No. 19010-AP08



Epson Visualizer (ELP-DC06)



Epson EB-455Wi and EB-465i -

the interactive complete solution







The same as EB-450W and EB-460 but as a total interactive package:

- Thanks to the integrated sensor and the interactive pen, any presentation screen is turned into an interactive one meaning that an additional interactive board is not necessary
- Overhead and vertical table projection are both possible



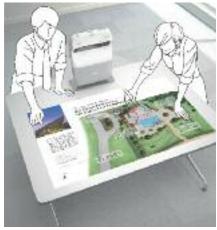
- New pen and rest included in the delivery
- The interactive software includes: write functions, mouse function, creation of basic shapes (circle, square...) and the save function

Warranty extension for all Epson models on request.

Epson EB-455Wi	
Resolution	WXGA
Technology	LCD
ANSI lumens	2,500
Weight	5.8 kg
Code No. 1000EB455WI	Price on request

Epson EB-465i	
Resolution	XGA
Technology	LCD
ANSI lumens	3,000
Weight	5.8 kg
Code No. 1000EB465I	Price on request







Accessories

Epson Visualizer (ELP-DC06) for EB-455Wi/465i

This unit is easy to connect via USB (type A). A separate power pack is not necessary. Code No. 19010-DK

Epson Visualizer (ELP-DC11)

Code No. 19010-DC11

WLAN adapter (ELPAP03) for EB-455Wi/465i

Code No. 19010-24

Quick WLAN USB stick (ELPAP08) for EB-455Wi/465i (only possible when using the WLAN adapter)

Code No. 19010-AP08





NEC U-series – ultra-short throw digital projectors for digital classrooms







- Almost no shadows or glare thanks to the ultra-short projection distance, 2 m image width at a 52 cm distance (U250X, U300X) or 38 cm distance (U260W, U310W)
- The wall mount included for quick and easy installation is compatible with heightadjustment systems
- 3D ready assured of a good future DLP®-Link™ technology with 120Hz
- Free pivoting for use as a table unit and for projections on the ceiling and floor
- These units have the best connection compatibility due to the variety of analogue and digital connections as well as network compatibility

NEC U250X		NEC U260W
Resolution	XGA	Resolution
Technology	DLP	Technology
ANSI lumens	2,500	ANSI lumens
Weight	6.5 kg	Weight
Code No. 1000U2520	Price on request	Code No. 1000

02001		1120 020011	
olution	XGA	Resolution	WXGA
hnology	DLP	Technology	DLP
SI lumens	2,500	ANSI lumens	2,600
ght	6.5 kg	Weight	6.5 kg
le No. 1000U2520	Price on request	Code No. 1000U260W	Price on request



NEC U300X	
Resolution	XGA
Technology	DLP
ANSI lumens	3,000
Weight	6.5 kg
Code No. 1000U300X	Price on request

NEC U310W	
Resolution	WXGA
Technology	DLP
ANSI lumens	3,100
Weight	6.5 kg
Code No. 1000U310W	Price on request



Vivitek D7 series – ultra-short throw digital projectors

as quiet as a whisper





- Extremely short projection distance of just 38 cm for a 2.0 m image width (D795WT)
- Operation quiet as a whisper with just 29 dB at full light output
- 3D ready (DLP®-Link™ technology with 120Hz)
- Extensive connection options including HDMI V1.3, 2x VGA, Video and S-Video
- BrilliantColor[™] and VividWheel III technology for optimised colour presentation
- Simple lamp replacement with a service flap on the top of the unit
- Filter period of validity 6,000 hours (eco mode)
- Interactive digital projector with integrated pen function (D792STPB, D796WTPB)



Vivitek D792STPB

Vivitek D791ST	
Resolution	XGA
Technology	DLP
ANSI lumens	3,000
Weight	9.0 kg
Code No. 1000791ST	Price on request

Resolution	XGA
Technology	DLP
ANSI lumens	3,000
Weight	9.0 kg
Code No. 1000792STPB	Price on request
Visital DZOCMTDD	

Vivitek D795WT	
Resolution	WXGA
Technology	DLP
ANSI lumens	3,000
Weight	9.0 kg
Code No. 1000795WT	Price on request

Vivitek D796WTPB	
Resolution	WXGA
Technology	DLP
ANSI lumens	3,000
Weight	9.0 kg
Code No. 1000796WTPB	Price on request

Attention: These products are only available in selected countries.



Technical data of ultra-short throw digital projectors

Model	SANYO PDG-DWL2500	SANYO PDG-DXL2000	Hitachi CP-A300N	Hitachi CP -AW250N
ANSI lumens (normal/eco)	2,500/2,000	2,000/1,550	3,000/2,400	2,500/2,000
Resolution	1,280 x 800 (WXGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,280 x 800 (WXGA)
Technology	DLP	DLP	3LCD	3LCD
Contrast	2,000:1	2,000:1	2,000:1	2,000:1
Lamp lifetime in hours (normal/eco)	2,000/3,000	2,000/3,000	3,000/5,000	3,000/5,000
Distance to image width (throw ratio)	0.24:1	0.24:1	0.3:1	0.3:1
Fan noise in dB (normal/eco)	36/28	36/28	35/29	34/28
Dimensions H/W/D	17.8/32.1/38.6 cm	17.8/32.1/38.6 cm	8.5/34.5/30.3 cm	8.5/34.5/30.3 cm
Weight	6.2 kg	6.2 kg	3.8 kg	3.8 kg
Warranty projector	depends on country	depends on country	3 years	3 years
Warranty original lamp	depends on country	depends on country	6 months, max. 3,000 hours	6 months, max. 3,000 hours
Catalogue page	12	12	13	13
Code No.	1000DWL2500	1000DXL2000	1000CPA300N	1000CPAW250N

Model	Epson EB-440W	Epson EB-450W	Epson EB-455Wi	Epson EB-460
ANSI lumens (normal/eco)	2,200/1,540	2,500/1,740	2,500/1,800	3,000/2,080
Resolution	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)	1,024 x 768 (XGA)
Technology	LCD	LCD	LCD	LCD
Contrast	1,600:1	2,000:1	2,000:1	2,000:1
Lamp lifetime in hours (normal/eco)	2,500/3,500	2,500/3,500	2,500/3,500	2,500/3,500
Distance to image width (throw ratio)	0.37:1	0.37:1	0.37:1	0.37:1
Fan noise in dB (normal/eco)	35/28	35/28	35/28	35/28
Dimensions H/W/D	11.5/36.9/48.1 cm	11.5/36.9/48.1 cm	11.5/36.9/48.1 cm	11.5/36.9/48.1 cm
Weight	5.7 kg	5.7 kg	5.8 kg	5.7 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	14	14	15	14
Code No.	1000EB440W	1000EB450W	1000EB455WI	1000EB460



Technical data of ultra-short throw digital projectors

Model	Epson EB-465i	NEC U250X	NEC U300X
ANSI lumens (normal/eco)	3,000/2,100	2,500/n.s.	3,000/n.s.
Resolution	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)
Technology	LCD	DLP	DLP
Contrast	2,000:1	2,000:1	2,000:1
Lamp lifetime in hours (normal/eco)	2,500/3,500	2,500/4,000	2,500/3,000
Distance to image width (throw ratio)	0.37:1	0.375:1	0.375:1
Fan noise in dB (normal/eco)	35/28	33/29	36/32
Dimensions H/W/D	11.5/36.9/48.1 cm	20.0/42.7/40.6 cm	20.0/42.7/40.6 cm
Weight	5.8 kg	6.5 kg	6.5 kg
Warranty projector	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country
Catalogue page	15	16	16
Code No.	1000EB465I	1000U250X	1000U300X

Model	NEC U260W	NEC U310W	Vivitek D791ST
ANSI lumens (normal/eco)	2,600/n.s.	3,100/n.s.	3,000/n.s.
Resolution	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)	1,024 x 768 (XGA)
Technology	DLP	DLP	DLP
Contrast	2,000:1	2,000:1	2,500:1
Lamp lifetime in hours (normal/eco)	2,500/4,000	2,500/3,000	4,000/6,000
Distance to image width (throw ratio)	0.3:1	0.3:1	0.24:1
Fan noise in dB (normal/eco)	33/29	36/32	29/27
Dimensions H/W/D	20.0/42.7/40.6 cm	20.0/42.7/40.6 cm	21.9/35.4/41.1 cm
Weight	6.5 kg	6.5 kg	9.0 kg
Warranty projector	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country
Catalogue page	16	16	17
Code No.	1000U260W	1000U310W	1000791ST

Model	Vivitek D792STPB	Vivitek D795WT	Vivitek D796WTPB
ANSI lumens (normal/eco)	3,000/n.s.	3,000/n.s.	3,000/n.s.
Resolution	1,024 x 768 (XGA)	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)
Technology	DLP	DLP	DLP
Contrast	2,500:1	2,500:1	2,500:1
Lamp lifetime in hours (normal/eco)	4,000/6,000	4,000/6,000	4,000/6,000
Distance to image width (throw ratio)	0.24:1	0.19:1	0.19:1
Fan noise in dB (normal/eco)	29/27	29/27	29/27
Dimensions H/W/D	21.9/35.4/41.1 cm	21.9/35.4/41.1 cm	21.9/35.4/41.1 cm
Weight	9.0 kg	9.0 kg	9.0 kg
Warranty projector	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country
Catalogue page	17	17	17
Code No.	1000792STPB	1000795WT	1000796WTPB



Introduction to short throw digital projectors

The use of short throw digital projectors makes sense in very small rooms with a limited amount of space or when a large image has to be projected at a relatively short distance.



Features

- The projection size factor depending on the model, is between 0.5:1 and 1:1 which means that an image width of 1 m can be achieved from a distance between 50 cm and 1 m
- The lens has a fixed focal length so that the size of the image is only changed by the distance
- The speaker does not stand in the light beam from the projector and is therefore not dazzled and does not throw a shadow onto the projection screen

Overview of short distance digital projectors



BenQ MP780ST Page 20



CASIO XJ-ST series Page 20



LG BX286 Page 21



SANYO PLC-WL2503 Page 21

Technical data of short throw digital projectors Page 22.







DLP

NEU

replaces the interactive whiteboard

- Give interactive presentations with the PointDraw™ interactive projector: with PC, USB cable and PointDraw™ pen (no calibration necessary)
- Compatible with all types of interactive software from standard producers or freeware
- Short throw projector for large screens at a short distance (projection ratio 0.5:1)
- Microphone input with 2x 10-watt speakers
- Give presentations without a PC using the USB reader
- USB display (Plug & Play)
- Automatic trapezidal correction for automatic screen adjustment
- 3D ready for three-dimensional presentations
- Control and management using LAN (RJ45)

BenQ MP780ST	
Resolution	WXGA
Technology	DLP
ANSI lumens	2,500
Weight	2.6 kg
Code No. 1000MP780ST	Price on request









CASIO XJ-M serie - interactive short throw digital projector for 20,000 hours without replacing a lamp



- No costs for spare lamps!
- No risk of failure due to defective
- No servicing and administration due to lamp replacement!

Attention: These products are only available in selected countries.

- 20,000 operating hours thanks to Laser&LED hybrid technology
- Integrated pen function (USB models only)
- 3D compatible (not suitable for 3D Blue-ray)
- Remote maintenance and remote control through LAN
- HDMI connection and 2x PC IN (analogue), 1x PC OUT (analogue)
- WLAN compatible

Expected availability from June 2011!

CASIO XJ-ST145	
Resolution	XGA
Technology	DLP
ANSI lumens	2,500
Weight	n.s.
Code No. 1000XJST145	Price on request

CASIO XJ-ST155	
Resolution	XGA
Technology	DLP
ANSI lumens	3,000
Weight	n.s.
Code No. 1000XJST155	Price on request



LG BX286 - varied connection options

in the short throw range





- Connections such as 2x VGA in, 1x VGA out, HDMI, RJ45, RS232 and Audio in and out – it leaves no wishes
- Screen diagonal of 2 m from a distance of just 1 m
- High contrast of 2,100:1





- 3D ready for three-dimensional presentations
- Brilliant color technology guarantees the best saturation of primary colours and better presentation
- Long lamp lifetime of 4,000 hours (eco mode)
- Low noise levels of just 28 dB in the eco mode

LG BX286	
Resolution	XGA
Technology	DLP
ANSI lumens	2,800
Weight	3.1 kg
Code No. 1000BX286	Price on request



SANYO PLC-WL2503 – you can become (inter)active too!







- Ultra-wide angle projector for projections from a very short distance
- Interactive presentations with the aid of an "Interactive Pen" help you make your talks interesting and active with your own notes on the presentation screen
- 10-watt integrated speakers
- Maintenance-friendly thanks to long-life air filter
- Blackboard mode for optimal alignment to coloured projection surfaces
- Direct power on/off allows you to switch the projector on and off without waiting
- Anti-theft protection with PIN code lock and key lock function
- MyLogo function for entering an individual logo

SANYO PLC-WL2503	
Resolution	WXGA
Technology	LCD
ANSI lumens	2,500
Weight	4.7 kg
Code No. 1000WL2503	Price on request



SANYO PLC-WL2503 connections



Technical Data of short throw digital projectors

Model	BenQ MP780ST	CASIO XJ-ST145	CASIO XJ-ST155
ANSI lumens (normal/eco)	2,500	2,500/n.s.	3,000/n.s.
Resolution	1,280 x 800 (WXGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)
Technology	DLP	DLP	DLP
Contrast	3,000:1	1,800:1	1,800:1
Lamp lifetime in hours (normal/eco)	3,000/4,000	20,000	20,000
Distance to image width (throw ratio)	0.5:1	0.68:1	0.68:1
Fan noise in dB (normal/eco)	30/28	n.s.	n.s.
Dimensions H/W/D	13/32.95/24.85 cm	9.9/42.0/32.3 cm	9.9/42.0/32.3 cm
Weight	2.6 kg	n.s.	n.s.
Warranty projector	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country
Catalogue page	20	20	20
Code No.	1000MP780ST	1000XJST145	1000XJST155

Model	LG BX286	SANYO PLC-WL2503
ANSI lumens (normal/eco)	2,800/2,300	2,500/1,900
Resolution	1,024 x 768 (XGA)	1,280 x 800 (WXGA)
Technology	DLP	LCD
Contrast	2,100:1	500 : 1
Lamp lifetime in hours (normal/eco)	2,500 / 4,000	3,000/4,000
Distance to image width (throw ratio)	0.626:1	0.5:1
Fan noise in dB (normal/eco)	34/30	36/29
Dimensions H/W/D	9.9/30.6/22.4 cm	14.34/35.0/38.19 cm
Weight	3.1 kg	4.7 kg
Warranty projector	depends on country	depends on country
Warranty original lamp	depends on country	depends on country
Catalogue page	21	21
Code No.	1000BX286	1000WL2503



Introduction to high resolution digital projectors

In times of increasing screen resolutions (lots of current desktop PCs and notebooks have SXGA+ or higher quality), high resolution digital projectors show exactly what can be seen on the PC monitor. This is particularly important in technical and medical areas, but also in the advertising and graphics industries.



Features

- Highly detailed precision
- Even the finest lines are presented with impressive accuracy
- Audiences can still read even small printed text
- Areas of application include: publishing, printing and photography, CAD/CAM, medical technology, simulations, 3D visualisation, museums, universities, architecture offices, research laboratories and professional conferences

Overview of high resolution digital projectors







Canon XEED WUX4000/ XEED WUX10 Mark II/ Page 25





PDG-DHT8000L Page 26



SANYO PLC-ZM5000L Page 27



Vivitek D950HD/D952HD Page 28



BenQ SP890 Page 28



Hitachi CP-WUX645N Page 29



Optoma EH1060i Page 29

Technical data of high resolution digital projectors on page 30.



Canon LCOS-XEED-series -

SXGA+ for perfect projection down to the smallest detail



Canon XEED SX7 Mark II



- LCOS technology for virtually grid-free brilliant images
- SXGA+ resolution for the sharpest imaging of minute details
- Motor zoom with extreme zoom range (1.7x for SX7 Mark II or 1.5x for SX80 Mark II)
- Optical Canon AISYS system for bright images and deep colours
- DVI input with HDCP compatibility
- High contrast: 1.000:1 (SX7 Mark II) or 900:1 (SX80 Mark II)
- User-friendly: auto input, auto focus, auto keystone correction (vertical), auto screen colour correction (SX80 mark II only auto input and auto keystone)

- Quiet as a whisper with 31 dB (in the eco mode)
- Photo mode for optimised reproduction of SRGB photos depending on environmental light
- Additional features of SX80 Mark II only: give presentations without a PC using USB, compatible with PictBridge for direct connection of a digital camera, with HDMI input and RJ45 interface

Canon XEED SX7 Mark II	
Resolution	SXGA+
Technology	LCOS
ANSI lumens	4,000
Weight	4.8 kg
Code No. 1000SX7	Price on request

Canon XEED SX80 Mark II		
Resolution	SXGA+	
Technology	LCOS	
ANSI lumens	3,000	
Weight	5.2 kg	
Code No. 1000SX80-MarkII	Price on request	



Canon XEED SX80 Mark II ceiling mount (bracket not included in the delivery)



Canon LCOS XEED-series -

LCOS technology for virtually grid-free brilliant images







- LCOS technology for virtually grid-free brilliant images
- WUXGA resolution for extremely sharp display of even the finest details
- Motorised zoom with extreme zoom range (1.5x)
- Optical Canon AISYS system for bright images and deep colours
- HDMI and DVI input
- RJ45 interface for incorporation in LAN
- **High contrast:** 1.000:1
- Photo mode for optimised reproduction of SRGB photos depending on environmental light

• Additional of WUX4000:

- Motorised lens shift: vertical: 3.5:6.5 to 10.5:-0.5 (-15 % to +55 %); horizontal: 4:6 to 6:4 (±10 %)
- Available as interchangeable lenses as an option: standard zoom, tele-zoom, wide angle
- **Vertical installation** possible for floor or ceiling projection

Canon XEED WUX4000 is supplied without lenses.

Standard, tele and wide angle lens for XEED WUX4000 on request.

Canon XEED WUX4000	
Resolution	WUXGA
Technology	LCOS
ANSI lumens	4,000
Weight	8.5 kg (without lens)
Code No. 1000WUX4000	Price on request

Canon XEED WUX10 Mark II	
Resolution	WUXGA
Technology	LCOS
ANSI lumens	3,200
Weight	4.9 kg
Code No. 1000WUX10-MarkII	Price on request







	•		•
Interchangeable lei	nses		
	Standard zoom lens	Tele-zoom lens	Wide angle (fixed focal length)
	RS-IL01ST	RS-IL02LZ	RS-IL03WF
Distance for 100"	3.2 - 4.8 m	4.7 - 8 m	1.72 m
Projection ratio	1.5:1 ~ 2.25:1	2.2:1 ~ 3.75:1	0.8:1
Focal length	1.89 - 2.65	2.0 - 2.8	2.0



Canon XEED WUX4000 connections









SANYO PDG-DHT8000L -SANYO flagship with Full HD resolution

- Full HD resolution (1,920 x 1,080) for detailed image quality in cinemas, for digital advertising, large events and digital signs etc.
- An extremely high contrast of 7,500:1 for a deep black
- Vertical lens shift function and horizontal (motorised)
- 2 lamp protection system
- Dust protected with a sealed optical
- Up to 360° horizontal positioning
- Automatic air filter change: the manual replacement of filters up to 35,000 hours is no longer required
- 5 optional interchangeable lenses and 3 connection boards for different applications
- Mechanical shutter
- Control through a network (RJ45 interface)
- Picture-in-picture and picture-by-picture function
- Edge blending function for panorama projections
- Suitable for permanent operation (24 hours/7 days)

SANYO PDG-DHT8000L (without lens)		
Resolution	Full HD	
Technology	DLP	
ANSI lumens	8,000	
Weight	19.6 kg	
Code No. 1000DHT8000L	Price on request	

The units are supplied without lenses. Connection boards and interchangeable lenses upon request.



PDG-DHT8000L connections



SANYO PLC-ZM5000L – professional properties for high quality demands in the WUXGA resolution







- Inorganic LCD panels provide a fascinating image quality
- Flexible installation options thanks to the motorised lens shift, corner keystone correction and 360° projection
- 10-watt integrated speakers
- Automatic filter change (up to 13,000 hours)
- Mechanical shutter for full absorption of residual light
- Network control function via RJ45 (LAN)

- 5 optional lenses with bayonet socket
- The picture-in-picture and picture-bypicture functions allow several image contents to be presented at the same time

The units are supplied without lenses. Interchangeable lenses on request.

SANYO PLC-ZM5000L	
Resolution	WUXGA
Technology	LCD
ANSI lumens	5,000
Weight	9.0 kg
Code No. 1000ZM5000L	Price on request

Accessory

Network manager (POA-PN03C)

For image transmission using LAN, incl. mini camera Code No. 1909-NW03C





Vivitek D950HD/D952HD -







- DLP®, BrilliantColor™ and VividWheel III for the best possible image quality
- 3.000:1 contrast ratio for brilliant colours
- Extensive connection options incl. 2x HDMI V1.3, VGA, Video and S-Video
- Network control using LAN interface
- Simple lamp replacement, even if mounted on the ceiling
- Control panel lock
- D950HD up to 5,000 lamp hours (eco mode)



Vivitek D950HD	
Resolution	Full HD
Technology	DLP
ANSI lumens	3,000
Weight	3.4 kg
Code No. 1000950HD	Price on request

Vivitek D952HD	
Resolution	Full HD
Technology	DLP
ANSI lumens	3,500
Weight	3.4 kg
Code No. 1000952HD	Price on request

Attention: These products are only available in selected countries.



BenQ SP890 – enjoy Full HD in your conference room

- Hollywood Quality Video (HQV™) for the best possible image quality
- Extremely high contrast ratio: 50.000:1
- True 10-bit processing for **optimum** image intensity and rich colour progression
- Independent colour management, so you have everything under control
- Horizontal and vertical lens shift for optimum alignment
- Remote control with Crestron[®] RoomView®
- Security password and key lock
- Wall colour correction for projections on coloured surfaces
- The quick cool function allows the projector to cool down within 30 seconds
- The power on/off signal informs you whether the unit is ready to use or when it can be switched off
- HDMI input







BenQ SP890	
Resolution	Full HD
Technology	DLP
ANSI lumens	4,000
Weight	7.2 kg
Code No. 1000SP890	Price on request



Hitachi CP-WUX645N -

the multi-talent in the WUXGA class









- Flexible installation, the 1.9x zoom range means there is almost no need for interchangeable lenses
- Perfect Fit electronic adaptation to the image shape
- The manual lens shift function allows the digital projector to be positioned flexibly
- Extensive connection options incl.
 HDMI and 5x BNC
- LAN connection means you can administrate and control the digital projector through your company's network
- Use the My Button function to allocate user-defined functions or tasks that are performed frequently to a programmable key on the remote control
- Picture-in-Picture function

Hitachi CP-WUX645N	
Resolution	WUXGA
Technology	3LCD
ANSI lumens	4,200
Weight	7.2 kg
Code No. 1000WUX645N	Price on request





Optoma EH1060i - Full HD

with 2 HDMI inputs





- Full HD resolution (1,920 x 1,080) for sharp display of even the finest details
- 2x HDMI inputs for perfect digital signal transmission
- High contrast with 2.500:1
- Crestron RoomView® RJ45 control and monitoring



- Filter-free design reduces the operating costs
- Security precautions: key lock, password protection and Kensington lock
- Automatic switch off function
- 5 year Optoma colour warranty

Optoma EH1060i	
Resolution	Full HD
Technology	DLP
ANSI lumens	3,500
Weight	3.5 kg
Code No. 1000EH1060I	Price on request



Technical data of high resolution digital projectors

Model	Canon XEED SX7 Mark II	Canon XEED SX80 Mark II	Canon XEED WUX4000	Canon XEED WUX10 Mark II
ANSI lumens (normal/eco)	4,000/3,200	3,000/2,400	4,000/3,500	3,200/2,560
Resolution	1,400 x 1,050 (SXGA+)	1,400 x 1,050 (SXGA+)	1,920 x 1,200 (WUXGA)	1,920 x 1,200 (WUXGA)
Technology	LCOS	LCOS	LCOS	LCOS
Contrast	1,000:1	900:1	1,000:1	1,000:1
Lamp lifetime in hours (normal/eco)	2,000/3,000	2,000/3,000	3,000/4,000	2,000/3,000
Distance to image width (throw ratio)	1.46 - 2.43:1	1.48 - 2.18:1	depending on lens	1.48 - 2.18:1
Fan noise in dB (normal/eco)	35/31	35/31	39/36	35/32
Dimensions H/W/D	11.4/26.6/33.6 cm	12.1/33.2/34.0 cm	15.0/38.0/43.0 cm	11.4/28.4/33.6 cm
Weight	4.8 kg	5.2 kg	8.5 kg (without lens)	4.9 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	24	24	25	25
Code No.	1000SX7-MarkII	1000SX80-MarkII	1000WUX4000	1000WUX10-MarkII

				M. II. I DOCUM
Model	SANYO PDG-DHT8000L	SANYO PLC-ZM5000L	Vivitek D950HD	Vivitek D952HD
ANSI lumens (normal/eco)	8,000/6,400	5,000/4,400	3,000/n.s.	3,500/n.s.
Resolution	1,920 x 1,080 (Full HD)	1,920 x 1,200 (WUXGA)	1,920 x 1,080 (Full HD)	1,920 x 1,080 (Full HD)
Technology	DLP	LCD	DLP	DLP
Contrast	7,500:1	2,000:1	3,000:1	3,000:1
Lamp lifetime in hours (normal/eco)	2,000/3,000	2,000/3,000	5,000/6,000	3,000/4,000
Distance to image width (throw ratio)	depending on lens	depending on lens	1.6 - 1.92:1	1.6 - 1.92:1
Fan noise in dB (normal/eco)	38/35	35/29	35/30	35/30
Dimensions H/W/D	24.2/40.0/52.3 cm	16.4/48.95/37.11 cm	11.3/33.3/25.5 cm	11.3/33.3/25.5 cm
Weight	19.6 kg	9.0 kg	3.4 kg	3.4 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	26	27	28	28
Code No.	1000DHT8000L	1000ZM5000L	1000950HD	1000952HD

Model	BenQ SP890	Hitachi CP-WUX645N	Optoma EH1060i
ANSI lumens (normal/eco)	4,000/3,500	4,200/3,400	3,000/3,500
Resolution	1,920 x 1,080 (Full HD)	1,920 x 1,080 (WUXGA)	1,920 x 1,080 (Full HD)
Technology	DLP	3LCD	DLP
Contrast	50,000:1	1,000:1	2,500:1
Lamp lifetime in hours (normal/eco)	2,000/3,000	2,000/3,000	2,000/3,000
Distance to image width (throw ratio)	1.62 - 2.43:1	1.5 - 2.9:1	1.59 - 1.91:1
Fan noise in dB (normal/eco)	36/31	35/29	30/28
Dimensions H/W/D	15.6/42.8/34.5 cm	13.9/41.8/35.7 cm	10.9/32.6/25.9 cm
Weight	7.2 kg	7.2 kg	3.5 kg
Warranty projector	depends on country	3 years	depends on country
Warranty original lamp	depends on country	6 months, max. 2,000 hours	depends on country
Catalogue page	28	29	29
Code No.	1000SP890	1000WUX645N	1000EH1060i



Introduction to widescreen digital projectors (16:10)

The widescreen resolution (1,280 x 800) with its 16:10 format corresponds with the resolution of most notebook computers. This means that the projector can project the exact contents of the screen without adaptation.

Features:

- The WXGA resolution offers 30% more area in comparison to XGA resolution (1,024 x 768)
- With the same screen height, approx. 25% more information can be displayed across the width. This means that more Excel columns can be displayed without having to shift the screen
- WXGA digital projectors can be used as a so-called "crossover product" in business, as well as a home cinema projector
- The 16:10 format corresponds more with a person's field of vision than the classic XGA resolution with its 4:3 format. This means that people can absorb information in the 16:10 format more easily

Overview of widescreen digital projectors



Hitachi CP-WX3011 N Page 32



Optoma EW766/EW766W Page 33



Vivitek D513W/D537 Page 32



SANYO PLC-WXU700A Page 34



SANYO PLC-WXU300 Page 33



NEC M-series Page 35



Hitachi CP-WX3011N the right function for any application







- Powerful sound with the 16-watt speakers
- Give presentations without a PC thanks to the USB connection
- Minimum maintenance work and operating costs with up to 6,000 hours for the lamp (eco mode) and air filter



- Maximum connection options including with HDMI V1.3, 2x VGA In, VGA Out, Video, S-Video, components, USB A/B, LAN, RS232 and microphone as well as 2x Audio In and 1x Audio Out
- Advanced network functions for remote maintenance and remote control through LAN
- The USB display function is an alternative to VGA or HDMI cable

Hitachi CP-WX3011N	
Resolution	WXGA
Technology	3LCD
ANSI lumens	3,200
Weight	3.6 kg
Code No. 1000WX3011N	Price on request

This model is also available with XGA resolution as CP-X2511N (2,700 ANSI lumens), CP-X3011N (3,200 ANSI lumens) and CP-X4011N (4,000 ANSI lumens).



Vivitek D513W/D537 –

light, compact and bright







- 3D ready (no 3D Blue-ray)
- HDMI V1.3 input for digital computer signals
- Optimal screen contrast with 3,000:1





- BrilliantColor™ technology from Texas Instruments
- No waiting for the digital projector thanks to the short switch-on and off

Further models from the D5-series are available with XGA resolution as D511 (2,600 ANSI lumens) and D535 (3,200 ANSI lumens).

Attention: These products are only available in selected countries.

Vivitek D513W	
Resolution	WXGA
Technology	DLP
ANSI lumens	2,600
Weight	1.9 kg
Code No. 1000513W	Price on request

Vivitek D537	
Resolution	WXGA
Technology	DLP
ANSI lumens	3,200
Weight	1.9 kg
Code No. 1000537	Price on request



SANYO PLC-WXU300 -

the all-rounder for your widescreen format





- Automatic set-up means the projector is ready-to-use in seconds
- Integrated 7-watt speakers
- A board mode gives optimal adjustment to coloured projection surfaces
- Network control function via RJ45 (LAN)
- Direct power on/off allows you to switch the projector on and off without waiting
- Security precautions are provided with the PIN code lock and key lock function
- Fan noise is just 29 dB (eco mode)

SANYO PLC-WXU300	
Resolution	WXGA
Technology	LCD
ANSI lumens	2,500
Weight	2.8 kg
Code No. 1000WXU300	Price on request



Optoma EW766/EW766W - power for your widescreen format





- Optical lens shift for flexible use
- A variety of analogue and digital connection options
- RJ45 interface for remote maintenance and control through a network
- WLAN integrated (EW766W only)
- Easy installation with AMX control systems using integrated the Dynamic Discovery protocol
- No maintenance work thanks to the filter-free DLP design
- Very quiet operation: just 30 dB (eco mode)
- 5 year Optoma colour warranty

Optoma EW766/EW766W		
Resolution	WXGA	
Technology	DLP	
ANSI lumens	4,000	
Weight	4.6 kg	
Code No. 1000EW766	Price on request	
Code No. 1000EW766W	Price on request	



SANYO PLC-WXU700A -

for simple WLAN video transmission





- The native WXGA resolution (1,280 x 800) is ideally suited to widescreen laptops and large home cinemas
- The IEEE802.11n high-speed WLAN and video-streaming function allow wireless, uninterrupted and constant transmission and reproduction of video files
- Easy network set-up for simple and quick network access
- Picture-in-picture and picture-by-picture function
- Network control function via RJ45 (LAN)
- Direct power on/off for switching the projector on and off without waiting
- The 1.6x zoom factor allows optimum adjustment to the room size

SANYO PLC-WXU700A	
Resolution	WXGA
Technology	LCD
ANSI lumens	3,800
Weight	3.6 kg
Code No. 1000WXU700A	Price on request



PLC-WXU700A connections



NEC M-series – environmentally friendly, high-performance and fully equipped





GREEN VISION







- These projectors achieve notable performance without any compromises in quality and ease of use
- Environmental protection with the latest environment technology and the minimisation of consumption of electricity and maintenance
- Good flexibility is achieved by the various features of the projector such as the 1.7x zoom and low costs for follow-up installations (up to 6,000 hours of lamp life in the eco mode)
- Enjoy intuitive use of the latest environmental and projection technology with user-orientated design
- The widescreen format offers additional space for presentations and other office applications
- Give presentations without a PC directly from a USB stick
- Give wireless presentations without troublesome VGA cables with the optional WLAN module

Tip: users from educational institutes can extend the lamp warranty for the M-Serie free of charge with NEC!



Models with WXGA resolution

NEC M260W	
Resolution	WXGA
Technology	3LCD
ANSI lumens	2,600
Weight	2.99 kg
Code No. 1000M260W	Price on request

NEC M300W	
Resolution	WXGA
Technology	3LCD
ANSI lumens	3,000
Weight	2.99 kg
Code No. 1000M300W	Price on request

Models with XGA resolution

NEC M230X	
Resolution	XGA
Technology	3LCD
ANSI lumens	2,300
Weight	2.99 kg
Code No. 1000M230X	Price on request

NEC M260X	
Resolution	XGA
Technology	3LCD
ANSI lumens	2,600
Weight	2.99 kg
Code No. 1000M260X	Price on request

NEC M300X	
Resolution	XGA
Technology	3LCD
ANSI lumens	3,000
Weight	2.99 kg
Code No. 1000M300X	Price on request

NEC M350X	
Resolution	XGA
Technology	3LCD
ANSI lumens	3,500
Weight	2.99 kg
Code No. 1000M350X	Price on request

NEC M420X	
Resolution	XGA
Technology	3LCD
ANSI lumens	4,200
Weight	2.99 kg
Code No. 1000M420X	Price on request



WLAN-Modul optional



Technical data of widescreen digital projectors

Model	Hitachi CP-WX3011N	Vivitek D513W	Vivitek D537
ANSI lumens (normal/eco)	3,200/2,600	2,600/2,100	3,200/2,600
Resolution	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)
Technology	3LCD	DLP	DLP
Contrast	2,000:1	3,000:1	3,000:1
Lamp lifetime in hours (normal/eco)	3,000 / 6,000	3,000/4,000	3,000/4,000
Distance to image width (throw ratio)	1.5 - 1.8:1	1.52 - 1.76:1	1.52 - 1.76:1
Fan noise in dB (normal/eco)	36/29	31/28	35 / 29
Dimensions H/W/D	9.8/31.7/28.8 cm	7.8/26.1/19.0 cm	7.8/26.1/19.0 cm
Weight	3.6 kg	1.9 kg	1.9 kg
Warranty projector	3 years	depends on country	depends on country
Warranty original lamp	6 months, max. 3,000 hours	depends on country	depends on country
Catalogue page	32	32	32
Code No.	1000WX3011N	1000513W	1000537

Model	SANYO PLC-WXU300	Optoma EW766/ EW766W	SANYO PLC-WXU700A
ANSI lumens (normal/eco)	2,500/1,750	4,000/3,400	3,800/3,040
Resolution	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)
Technology	LCD	DLP	LCD
Contrast	500:1	2,500:1	500 : 1
Lamp lifetime in hours (normal/eco)	2,000/2,500	3,000/4,000	2,500/3,000
Distance to image width (throw ratio)	1.18 - 1.91:1	1.57 - 2.39:1	1.17 - 1.87:1
Fan noise in dB (normal/eco)	34/29	30/28	35/31
Dimensions H/W/D	9.2/32.6/26.5 cm	12.7/36.4/28.3 cm	9.4/33.6/25.8 cm
Weight	2.8 kg	4.6 kg	3.6 kg
Warranty projector	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country
Catalogue page	33	33	34
Code No.	1000WXU300	1000EW766/1000EW766W	1000WXU700A

Model	NEC M260W	NEC M300W
ANSI lumens (normal/eco)	2,600/1,950	3,000/2,250
Resolution	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)
Technology	3LCD	3LCD
Contrast	2,000:1	2,000:1
Lamp lifetime in hours (normal/eco)	4,000/5,000	4,000/5,000
Distance to image width (throw ratio)	1.3 - 2.2:1	1.3 - 2.2:1
Fan noise in dB (normal/eco)	35/29	35/29
Dimensions H/W/D	9.9/33.9/25.7 cm	9.9/33.9/25.7 cm
Weight	2.99 kg	2.99 kg
Warranty projector	depends on country	depends on country
Warranty original lamp	depends on country	depends on country
Catalogue page	35	35
Code No.	1000M260W	1000M300W



Introduction to digital projectors with specific features

In addition to the standard features, some digital projector models have features which make them suitable for specific applications.



Features depending on model:

- Multi/widescreen
 projections: control of up to
 4 projectors from just one PC
- PC-free presentations of photos, films and slide shows via USB
- LAN incorporation for network administration, remote maintenance, control and the transmission of data
- Automatic screen correction:
- vertical and horizontal image distortion (trapezoidal) as well as the sharpness are automatically corrected at the push of a button
- The WLAN can be easily and quickly setup with a Quick WLAN USB stick (optional)
- USB display: image and sound transmission using USB instead of VGA cable

Overview of digital projectors with specific features



SANYO PLC-XU305A/PLC-XU355A Page 38



Epson EB-1915/EB-1925W Page 39



SANYO PLC-XU4000 Page 38



Avio iP-01UE Page 40



Epson EB-1755W Page 39



LG BX327 Page 41

Technical data of digital projectors with specific features on page 41.



SANYO PLC-XU305A/PLC-XU355A for WLAN, LAN or PC-free presentations





- DVI-I input for the best transmission
- Very quiet fan (29 dB in the eco mode)
- Integrated LAN connection (RJ45) for remote maintenance, control and data transmission
- Wide angle lens with 1.6x optical zoom
- Easy WLAN without additional software installation using an USB stick
- USB stick box with Velcro fastener for keeping the stick with the projector
- Direct power on/off for immediate switch-on and shut-down
- Built-in 7-watt speakers

SANYO PLC-XU305A	
Resolution	XGA
Technology	LCD
ANSI lumens	3,000
Weight	2.9 kg
Code No. 1000XU305A	Price on request

SANYO PLC-XU355A	
Resolution	XGA
Technology	LCD
ANSI lumens	3,500
Weight	2.9 kg
Code No. 1000XU355A	Price on request



Connections

SANYO PLC-XU4000 - you can save even more energy with this one!





- Integrated ImageCare technology for sharper contrasts in dark scenes and less electricity consumption due to minimised image brightness
- This unit is extremely maintenancefriendly thanks to the integrated long life
- 5,000 hours lamp lifetime (eco mode)
- Network control function via RJ45 (LAN)



- Color board mode for optimal alignment to coloured projection surfaces
- Very high contrast of 2.000:1
- Fan noise is just 29 dB (eco mode)
- Direct power on/off allows you to switch directly on and off without waiting

SANYO PLC-XU4000	
Resolution	XGA
Technology	LCD
ANSI lumens	4,000
Weight	3.3 kg
Code No. 1000XU4000	Price on request



Epson EB-1755W - lightweight

with clever functions







- Compact and light with just 1.7 kg
- Standard wide angle lens for large images, even from short distances
- Automatic vertical and horizontal trapezidal correction for easy alignment
- HDMI input
- Present without a PC from a USB stick
- Quick set-up and immediate shutdown
- 3in1 USB display: image and sound transmission and transparency control through USB
- Direct power on/off



- WLAN adapter and Quick WLAN is included in the delivery
- Screen fit: this function matches the projected images automatically to any black border around the screen

Epson EB-1775W	
Resolution	WXGA
Technology	LCD
ANSI lumens	3,000
Weight	1.7 kg
Code No. 1000EB1775W	Price on request

Warranty extension for all Epson models on request.

Accessory

Epson Visualizer (ELP-DC06)

This unit is easy to connect via USB (type A). A separate power pack is not necessary. Code No. 19010-DK





Epson EB-1915/EB-1925W – the bright multi-talent





- LAN incorporation for network administration, remote maintenance, control and the transmission of data
- The WLAN can be setup quickly and easily with the Quick WLAN USB stick (optional)
- HDMI interface for forward-thinking digital signals (PC or Blu-ray Player etc.)
- Avoid using a PC for presentations of photos, films and slide shows via USB
- Quick start (10 sec.) and immediate shut-down
- Integrated 10-watt speaker for a convincing sound experience
- Security functions: Kensington lock, password protection, control panel and security bar
- USB display (3in1): transmission of images, sound and transparency control through USB
- The AV mute function allows you to interrupt the presentation in seconds and draw the audience's attention back to the speaker
- 8 different colour modes are easy to select
- Direct power on/off



- Automatic image correction: vertical and horizontal image distortion (trapezoidal) as well as the sharpness are automatically corrected at the push of a button
- The front air outlet means that no discomfort is caused to audience members

Epson EB-1915	
Resolution	XGA
Technology	LCD
ANSI lumens	4,000
Weight	3.5 kg
Code No. 1000EB1915	Price on request

Epson EB-1925W	
Resolution	WXGA
Technology	LCD
ANSI lumens	4,000
Weight	3.5 kg
Code No. 1000EB1925W	Price on request

Warranty extension for all Epson models on request.

Accessory

Epson Visualizer (ELP-DC06)

This unit is easy to connect via USB (type A). A separate power pack is not necessary. Code No. 19010-DK



Epson Visualizer (ELP-DC06)





NEU

- Direct display of objects placed on the unit such as printed matter, transparencies or objects
- The unit offers high image quality via the integrated digital camera with 3.15 million pixels
- DIN A4 pages can virtually be fully presented with a scanning surface measuring 216 x 288 mm
- Digital image rotation for presentation of landscape and portrait formats
- Digital zoom with up to 25x enlargement in the document mode
- Board mode for correct colour projection on classroom boards
- Direct power off switch means you do not have to wait until the projector has

cooled down

- IR remote control with graphic pointer
- Save the displayed objects as a JPEG file on a USB stick
- PC-free presentation of JPEG files via an inserted USB stick (2 GB USB stick is included in the delivery)
- Short-distance lens with 2 m image width at 2 m distance

Avio iP-01UE	
Resolution	XGA
Technology	DLP
ANSI lumens	2,500
Weight	5.0 kg
Code No. 1000IP01UE	Price on request

Accessory

Nylon soft case Code No. 87321





LG BX327 – with Office Viewer and HDMI 1.4 interface





- Office Viewer is integrated for direct reproduction of all standard Office formats using USB (without conversion)
- This feature allows the reproduction of MP3 films and image files using the integrated HD DivX-Player via the USB 2.0 input
- Reproduction of all standard 3D formats such as Top & Bottom, side by side and frame packing
- Equipped with 5-watt and 5-watt stereo speakers
- Various connection options: 2x VGA in, 1x VGA out, Audio in, Composite, HDMI, USB type A, RS232C, RJ45



- HDMI 1.4 interface for 3D transmission
- High contrast of 2,300:1
- Long lamp service life of 5,000 hours (eco mode)
- Low noise levels of just 32 dB in the eco mode
- Quick Start within just 12 seconds, quick power off within just 5 seconds

LG BX327	
Resolution	XGA
Technology	DLP
ANSI lumens	3,200
Weight	3.5 kg
Code No. 1000BX327	Price on request





Technical data of digital projectors with specific features

Model	SANYO PLC-XU305A	SANYO PLC-XU355A	SANYO PLC-XU4000	Epson EB-1775W
ANSI lumens (normal/eco)	3,000/2,100	3,500/2,450	4,000/2,600	3,000/1,700
Resolution	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,280 x 800 (WXGA)
Technology	LCD	LCD	LCD	LCD
Contrast	500:1	500:1	2,000:1	2,000:1
Lamp lifetime in hours (normal/eco)	2,000/2,500	2,000/2,500	3,000/5,000	4,000/4,000
Distance to image width (throw ratio)	1.18 - 1.91:1	1.18 - 1.91:1	1.73 - 2.08:1	1.04 - 1.26:1
Fan noise in dB (normal/eco)	34/29	34/29	34/29	37/30
Dimensions H/W/D	9.2/32.6/26.6 cm	9.2/32.6/26.6 cm	9.7/35.0/26.11 cm	4.4/21.0/29.2 cm
Weight	2.9 kg	2.9 kg	3.3 kg	1.7 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	38	38	38	39
Code No.	1000XU305A	1000XU355A	1000XU4000	1000EB1775W

Model	Epson EB-1915	Epson EB-1925W	Avio IP-01UE	LG BX327
ANSI lumens (normal/eco)	4,000/2,700	4,000/2,700	2,500/2,000	3,200/2,700
Resolution	1,024 x 768 (XGA)	1,280 x 800 (WXGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)
Technology	LCD	LCD	DLP	DLP
Contrast	2,000:1	2,000:1	1,500:1	2,300:1
Lamp lifetime in hours (normal/eco)	2,500/3,500	2,500/3,500	2,000	3,000/5,000
Distance to image width (throw ratio)	1.62 - 2.61:1	1.45 - 2.33:1	1.0 - 1.2:1	1.94 - 2.27
Fan noise in dB (normal/eco)	37/29	37/29	41/38	35/32
Dimensions H/W/D	8.6/35.7/25.7 cm	8.6/35.7/25.7 cm	14.0/29.0/40.5 cm	6.0/29.2/8.0 cm
Weight	3.5 kg	3.5 kg	5.0 kg	3.5 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	39	39	40	41
Code No.	1000EB1915	1000EB1925W	1000IP01UE	1000BX327



Introduction to education digital projectors

Education digital projectors are characterised by a particularly attractive price/performance ratio, numerous security features, low cost of ownership and/or low maintenance and operation. operation.

The features vary depending on model and can include:

- Attractive prices especially for educational facilities
- Anti-theft protection with features such as a security bar, password protection, keyboard lock, Kensington lock and the orange coloured housing
- 36 month lamp warranty and/or high lamp life
- Maintenance-free operation with automatic filter change
- Integrated speakers for multimedia applications

Overview of education digital projectors



Epson EB-9 series Page 43







SANYO PLC-XC56 Page 45

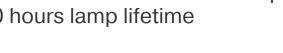


CASIO XJ-A series with 20,000 operating hours. For more information refer to pages 2-3.

Technical data of education digital projectors Page 45.



Epson EB-9 series – low cost of ownership thanks to 6,000 hours lamp lifetime









- Ideal for companies or educational institutions
- Low cost of ownership thanks to
 6,000 hours lamp life (eco mode)
- Extensive security features such as the security bar, password protection and control panel lock
- HDMI input (all models) and microphone input (except EB-93)
- 16-watt speakers integrated
- The automatic vertical and manual horizontal keystone corrections makes sure projections are always at a right-angle
- RJ45 interface for maintenance and control as well as image and sound transmission through a LAN network
- Optional WLAN (except EB-93)
- Slide show via USB
- 3in1 USB display: image and sound transmission and transparency control via USB
- Direct power on/off allows direct disconnection from the electricity mains
- Pleasantly quiet: just 28 dB in the eco mode
- Special warranty periods exclusively for schools and educational facilities on request

- Str -	10 15 10-6-12	
	EPSON	

Epson EB-93	
Resolution	XGA
Technology	LCD
ANSI lumens	2,400
Weight	3.1 kg
Code No. 1000EB93	Price on request

Epson EB-95	
Resolution	XGA
Technology	LCD
ANSI lumens	2,600
Weight	3.2 kg
Code No. 1000EB95	Price on request

Epson EB-96W	
Resolution	WXGA
Technology	LCD
ANSI lumens	2,700
Weight	3.3 kg
Code No. 1000EB96W	Price on request

Epson EB-905	
Resolution	XGA
Technology	LCD
ANSI lumens	3,000
Weight	3.3 kg
Code No. 1000EB905	Price on request

Warranty extension for all Epson models on request.





Accessories

Epson Visualizer (ELP-DC06)

Easy to connect through USB (type A). A separate power pack is not necessary. Code No. 19010-DK

Epson Visualizer (ELP-DC11) Code No. 19010-DC11 **WLAN adapter** (except for EB-93) Code No. 19010-AP07

Use of the **Quick WLAN USB stick** (except EB-93) is only possible when using a WLAN adapter.
Code No. 19010-AP08





Hitachi ED-X series – solid technology with low follow-up costs



- These projectors have practically maintenance-free technology thanks to long life hybrid filters (more than 4,000 hours) and a lamp service life of up to 4,000 hours
- 3 years or 3,000 hour lamp warranty is given on lamps supplied with the digital projectors (for education)
- Hitachi ED-X50/ED-X52: 2x PC inputs
- Extended security functions: Anti-theft protection with features such as a security bar, password protection, keyboard lock, Kensington lock and the orange coloured housing
- The daytime mode automatically adapts the projection performance to the lighting conditions
- The My Button function can be used to setup frequently used functions on individually programmable buttons on the remote control
- Use audio pass through when only the sound is required for presentations. All of the other functions on the digital projector go into the standby mode which increases the lamplife
- Special colour in orange (ED-X50 model)

Hitachi ED-X26	
Resolution	XGA
Technology	3LCD
ANSI lumens	2,200
Weight	2.2 kg
Code No. 1000EDX26-S	Price on request

Hitachi ED-X50 (orange)	
Resolution	XGA
Technology	3LCD
ANSI lumens	2,200
Weight	2.2 kg
Code No. 1000EDX50-S	Price on request

Hitachi ED-X52	
Resolution	XGA
Technology	3LCD
ANSI lumens	2,200
Weight	2.2 kg
Code No. 11000EDX52-S	Price on request



Hitachi ED-X50/ED-X52 connections



SANYO PLC-XC56 – low maintenance thanks to automatic filter change





- Automatic filter change: cassette with 10 filters allows maintenance-free operation for up to 3,000 hours
- The multitude of security precautions includes the steel pin for security chains up to 11 mm diameter, the PIN code lock and key lock code
- Protected against dust thanks to a glass pane in front of the lens which prevents particles entering the unit
- Built-in 7-watt speakers for multimedia applications
- Network control function via LAN (RJ45)
- Exceptionally quiet with just 27 dB in the eco mode
- Automatic set-up means the projector is ready-to-use in seconds
- Special conditions for schools and education facilities on request

CANIVO DI C VOTO	
SANYO PLC-XC56	
Resolution	XGA
Technology	LCD
ANSI lumens	3,100
Weight	4.1 kg
Code No. 1000XC56	Price on request



Technical data of education digital projectors

Model	Epson EB-93	Epson EB-95	Epson EB-905	Epson EB-96W
ANSI lumens (normal/eco)	2,400/1,920	2,600/2,080	3,000/2,400	2,700/2,160
Resolution	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,280 x 800 (WXGA)
Technology	LCD	LCD	LCD	LCD
Contrast	2,000:1	2,000:1	2,000:1	2,000:1
Lamp lifetime in hours (normal/eco)	5,000/6,000	5,000/6,000	5,000/6,000	5,000/6,000
Distance to image width (throw ratio)	1.48 - 1.77:1	1.48 - 1.77:1	1.38 - 2.24:1	1.3 - 1.56:1
Fan noise in dB (normal/eco)	33/28	33/28	33/28	33/28
Dimensions H/W/D	9.3/34.5/26.3 cm	9.3/34.5/26.3 cm	9.3/34.5/26.3 cm	9.3/34.5/26.3 cm
Weight	3.1 kg	3.2 kg	3.3 kg	3.3 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	43	43	43	43
Code No.	1000EB93	1000EB95	1000EB905	1000EB96W

Model	Hitachi ED-X26	Hitachi ED-X50/ED-X52	SANYO PLC-XC56
ANSI lumens (normal/eco)	2,200/1,500	2,200/1,500	3,100/2,108
Resolution	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)
Technology	3LCD	3LCD	LCD
Contrast	500:1	500:1	450:1
Lamp lifetime in hours (normal/eco)	3,000/4,000	3,000/4,000	2,000/4,000
Distance to image width (throw ratio)	1.5 - 1.8:1	1.5 - 1.8:1	1.72 - 2.07:1
Fan noise in dB (normal/eco)	35/28	35/28	34/27
Dimensions H/W/D	7.7/30.6/22.1 cm	7.7/30.6/22.1 cm	11.1/41.0/26.7 cm
Weight	2.2 kg	2.2 kg	4.1 kg
Warranty projector	3 years	3 years	depends on country
Warranty original lamp	3 years, max. 3,000 hours.*	3 years, max. 3,000 hours	depends on country
Catalogue page	44	44	45
Code No.	1000EDX26-S	1000EDX50-S/1000EDX52-S	1000XC56



Introduction to installation digital projectors

Installation projectors are mainly suited to permanent mounting applications in large to very large rooms and lecture halls, for use at open-air events or for large-scale advertising projections. They are often used on a rental basis.



Features depending on model

- Extremely high light output which also makes it suitable for use in difficult lighting conditions
- A variety of interchangeable lenses for wide fields of application
- Numerous slide-in boards enable the connection of various sources
- Motorised lens shift function for flexible installation options

Permanent operation possible 24 hours/7 days per week

Overview of installation digital projectors



Canon LV-7590 Page 47



BX503B/BX403B Page 49



NP3250W Page 52

SANYO PLC-WM5500L/PLC-WM4500L Page 50

NEC NP1250/NP2250/NP3250/



Page 49

Vivitek D8300



CP-WX4021N

CASIO XJ-H series

Hitachi CP-X4021N/CP-X5021N/

Page 47

Page 51



Optoma EX785/EW775 Page 53



Epson EB-G5000 series Page 48



SANYO PLC-XF1000 Page 50



Vivitek D6510/D6010 Page 51

Technical data of installation digital projectors Pages 53-54.



Canon LV-7590 – convincing light output, high contrast and amazing versatility –

the perfect large-scale projector





- 7,000 ANSI lumens from the unit achieve brilliant projections in large rooms
- Contrast scope 1,800:1
- A new colour control system offers particularly powerful and intensive colours
- The lens shift (vertical/horizontal), zoom and focus function are all motorised
- DVI-D interface (HDCP compatible) and
 5 BNC connections
- Auto cleaning air filter with an operating life of up to 10,000 hours
- The mechanical panel prevents the unwanted escape of light during a presentation
- 5 interchangeable lenses as an option
- The Network Imager allows remote control reproduction and projector control via the network (optional)

Canon LV-7590	
Resolution	XGA
Technology	LCD
ANSI lumens	7,000
Weight	11.4 kg (without lens)
Code No. 1000LV7590	Price on request

Please note:

The LV-7590 is supplied without lenses. Interchangeable lenses and Network Imager on request.



CASIO XJ-H series – interactive installation digital projector with 20,000 hours without replacing a lamp







- No costs for spare lamps!
- No risk of failure due to defective lamps!
- No servicing and administration due to lamp replacement!

Attention: There products are only available in selected countries.



- 20,000 operating hours thanks to Laser&LED hybrid technology
- Integrated pen function (USB models only)
- 3D compatible (not suitable for 3D Blue-ray)
- Remote maintenance and remote control through LAN (XJ-H1650 only)
- HDMI connection and 2x PC IN (analogue), 1x PC OUT (analogue)
- WLAN compatible (XJ-H1650 only)

Expected availability from June 2011!

CASIO XJ-H1600	
Resolution	XGA
Technology	DLP
ANSI lumens	3,500
Weight	n.s.
Code No. 1000XJH1600	Price on request

CASIO XJ-H1650	
Resolution	XGA
Technology	DLP
ANSI lumens	3,500
Weight	n.s.
Code No. 1000XJH1650	Price on request



Epson EB-G5000 series -

the innovative installation solutions







- Flexible positioning is made possible thanks to the horizontal and vertical manual lens shift function
- Pioneering: **HDMI** digital connection
- Integrated standard lens with 1.8x zoom
- Built-in 7-watt speaker
- Anti-theft protection including security bar and PIN code entry when starting the unit
- Easy to maintain the filters and lamps are easy to replace, even if they are installed at the ceiling
- Administration and control is possible via LAN (RJ45)
- Image and sound transmission possible via LAN/WLAN (except EB-G5600)
- The split screen function allows the simultaneously presentation of 2 input sources
- Present without a PC (except G5600)
- WLAN integrated (except G5600, optional for EB-G5450WU)





- With the EasyMP multi PC projection software, up to 16 computers can be linked up with a projector via LAN/WLAN (not available for EB-5600)
- The **DICOM-simulation mode** is perfect for medical applications
- All of the models are available as an "NL" version without a standard lens. The interchangeable lens with a bayonet socket can be supplied as an option

Warranty extension for all Epson models on request.

Epson EB-G5600	
Resolution	XGA
Technology	LCD
ANSI lumens	4,500
Weight	6.7 kg
Code No. 1000EBG5600	Price on request

Epson EB-G5950	
Resolution	XGA
Technology	LCD
ANSI lumens	5,200
Weight	6.8 kg
Code No. 1000EBG5950	Price on request

Epson EB-G5650W	
Resolution	WXGA
Technology	LCD
ANSI lumens	4,500
Weight	6.8 kg
Code No. 1000EBG5650W	Price on request

Epson EB-G5450WU	
Resolution	WUXGA
Technology	LCD
ANSI lumens	4,000
Weight	6.8 kg
Code No. 1000EBG5450WU	Price on request

Epson EB-G5750WU	
Resolution	WUXGA
Technology	LCD
ANSI lumens	4,500
Weight	6.8 kg
Code No. 1000EBG5750WU	Price on request



Accessories

Lens type		Standard	Rear projection	Medium	Medium	Tele-zoom lens
		zoom lens	wide angle lens	zoom lens 1	zoom lens 2	
Reference nr.		ELPLS05	ELPLR03	ELPLM04	ELPLM05	ELPLL06
Focus/Zoom ty	/pe	manual	manual (no zoom)	manual	manual	manual
Zoom factor		1–1.8	-	1–1.5	1–1.5	1-1.35
XGA models pr	ojection factor					
Image format 1	16:10 and 16:9 / 4:3	1.3-2.4	0.78	2.4-3.5	3.5-5.4	5.3-7.2
WXGA models	projection factor					
Screen format	16:10 and 16:9	1.3-2.3	0.7	2.3-3.5	3.5-5.3	5.2-7.1
	4:3	1.5-2.8	0.92	2.8-4.3	4.2-6.4	6.3-8.5
WUXGA models	s projection factor					
Image format	16:10 and 16:9	1.3-2.3	0.76	2.2-3.4	3.2-5	4.7-6.6
4	4:3	1.5-2.7	0.91	2.6-4.1	3.8-6	5.7-8
F		1.65-2.55	2.03	1.83-2.45	1.83-2.53	1.84-2.32
Focal length		21.28-37.94 mm	12.76 mm	38.07-57.09 mm	56.76-85.25 mm	84.91-114.61 mm
Projection surfa	ace of XGA and WXGA models	20-200"	30-216"	40-300"	40-300"	40-300"
Projection surfa	ace of WUXGA models	50-200"	50-200"	50-300"	50-300"	40-300"
Manual \	Vert./horiz. (XGA models)	±50%/± 10% max.	-	±50% /± 10% max.	±50% /± 10% max.	±50% /± 10% max.
lens shift \	Vert./horiz. (WXGA models)	±60%/± 10% max.	-	±60%/± 10% max.	±60%/± 10% max.	±60%/± 10% max.
1	Vert./horiz. (WUXGA models)	±58%/± 9% max.	-	±58%/± 9% max.	±58%/± 9% max.	±58%/± 9% max.
Code No.		19010-32	19010-20	19010-21	19010-22	19010-23



LG BX503B und BX403B -

for fixed installation at short to medium distances





- Genuine colours are achieved with the Brilliant Color Technology
- High contrast of 2,800:1
- A variety of connection options are provided with 2x 15 Pin D-sub in, 1x 15 Pin D-sub out, composite video





- The HDMI connection is used for high resolution contents and is assured of a good future
- Extremely low noise emissions of just 33 dB in the eco mode
- Two timer functions are available to use for presentations (off-timer/presentation timer)
- The lamps can be easily and quickly replaced thanks to direct access above the ceiling lamp shaft
- Quick start within just 12 seconds,
 quick power off within just 5 seconds

LG BX503B	
Resolution	XGA
Technology	DLP
ANSI lumens	5,000
Weight	5.8 kg
Code No. 1000BX203B	Price on request

LG BX403B	
Resolution	XGA
Technology	DLP
ANSI lumens	4,000
Weight	5.8 kg
Code No. 1000BX403B	Price on request



Hitachi CP-X4021N/CP-X5021N/CP-WX4021N -

double, triple or quadruple the light output at a fraction of the costs









- Alternating operation helps you increase the runtime or minimise the failure risk
- Powerful sound with the built-in 16-watt speakers
- Give presentations without a PC thanks to the USB connection



 Minimum maintenance work 			
á	and operating costs with up to		
į	5,000 lamp operating hours (eco mode)		
á	and filter service life (eco mode)		

 Maximum connection options including HDMI, 5x BNC, USB A / B, LAN, components or a microphone input

Hitachi CP-X4021N	
Resolution	XGA
Technology	3LCD
ANSI lumens	4,000
Weight	4.6 kg
Code No. 1000X4021N	Price on request



Application example: the models are sold individually

Hitachi CP-X5021N	
Resolution	XGA
Technology	3LCD
ANSI lumens	5,000
Weight	4.6 kg
Code No. 1000X5021N	Price on request

Hitachi CP-WX4021N	
Resolution	WXGA
Technology	3LCD
ANSI lumens	4,000
Weight	4.6 kg
Code No. 1000WX4021N	Price on request



SANYO PLC-XF1000 -

make your events light up





- The extremely powerful light output with 12,000 ANSI lumens makes this projector suitable for events and large functions
- Inorganic panels ensure a high light output and long service life
- Quadrive technology for brilliant colour reproduction
- High contrast of 4,000:1 for even brighter colours and deeper blacks
- Vertical and horizontal motorised lens shift function
- Up to 360° horizontal positioning

- The automatic air filter change function allows maintenance-free operation for up to 11,000 hours
- Optional network integration for remote maintenance and controlas well as image
- The 10 interchangeable lenses and 8 connection boards available as options permit a variety of uses
- Mechanical shutter for full absorption of residual light

SANYO PLC-XF1000	
Resolution	XGA
Technology	LCD
ANSI lumens	12,000
Weight	27.6 kg
Code No. 1000XF1000	Price on request

The units are supplied without lenses. Interchangeable lenses available on request.



SANYO PLC-WM5500L and PLC-WM4500L -

WXGA resolution for the installation area





- Inorganic LCD panels provide a fascinating image quality
- The automatic air filter change function allows maintenance-free operation for up to 10,000 hours
- Flexible installation options thanks to motorised lens shift, keystone correction and 360° projection
- 5 optional lenses with bayonet socket
- Corner keystone correction allows personal alignment to each individual image corner
- Network control function via RJ45 (LAN)
- Mechanical shutter for complete absorption of residual light (WM5500L only)



SANYO PLC-WM5500L	
Resolution	WXGA
Technology	LCD
ANSI lumens	5,500
Weight	8.9 kg
Code No. 1000WM5500L	Price on request

SANYO PLC-WM4500L	
Resolution	WXGA
Technology	LCD
ANSI lumens	4,500
Weight	8.5 kg
Code No. 1000WM4500L	Price on request

Accessory

Network manager (POA-PN03C)

For image transmission using LAN incl. mini camera. Code No. 1909-NW03C

The units are supplied without lenses. Interchangeable lenses available on request.



Vivitek D8300 - Full HD even by daylight







- Maximum detail resolution
 with a 1,920 x 1,080 native resolution
- Maximum brightness with 6,500 ANSI lumens
- Fully equipped control panel incl. 2x HDMI V1.3
- Optional interchangeable lenses

Vivitek D8300	
Resolution	Full HD
Technology	DLP
ANSI lumens	6,500
Weight	15.0 kg
Code No. 10008300	Price on request

Attention: This product is only available in selected countries.





Vivitek D6510/D6010 - digital projector

for permanent 24 hour/7 days

per week operation







- Suitable for permanent operation, these components and technology have been specially selected for hard conditions 24 hours/7 days a week
- High failure protection thanks to the use of two lamps
- These projectors can be adapted with interchangeable lenses and a replaceable colour wheel when maximum brilliance in colours is required
- The network connection offers remote control and operation
- Operator comfort is provided by the control output for motorised screens

XGA
DLP
6,500
17.0 kg
Price on request

Attention: There products are	only
available in selected countries	3.

Vivitek D6010	
Resolution	WXGA
Technology	DLP
ANSI lumens	6,000
Weight	17.0 kg
Code No. 10006010	Price on request











NEC NP1250/NP2250/NP3250/NP3250W -

Windows network projector function

- Up to 20,000 ANSI lumens (4x NP3250) due to stacking function (projections on top of each other with two or more projectors)
- Automatic image comparison with a camera (not included in the delivery) and stacking correction software
- Plug & Play with Windows Vista and Windows 7. The installation of software for remote maintenance, remote control and image transmission using LAN and WLAN (WLAN module NP01LM2 included in the delivery standard) is not necessary
- Optimal screen geometrics thanks to easy trapezoidal setting
- No waiting for the projector thanks to the auto power on and instant power off function

- Picture-in-picture and picture-by-picture functions
- View x-ray images with the integrated **DICOM** simulation
- Flexible installation with integrated lens shift function (vertical and horizontal) and 5 optional interchangeable objectives
- Digital and analogue computer connection
- PC-free presentations directly from a USB stick (JPEG, BMP, PNG, GIF)
- Triple anti-theft protection

NEC NP1250	
Resolution	XGA
Technology	3LCD
ANSI lumens (Normal/Eco)	3,700/2,960
Weight	7.5 kg
Code No. 1000NP1250	Price on request

NEC NP2250	
Resolution	XGA
Technology	3LCD
ANSI lumens (Normal/Eco)	4,200/3,360
Weight	7.5 kg
Code No. 1000NP2250	Price on request

NEC NP3250	
Resolution	XGA
Technology	3LCD
ANSI lumens (Normal/Eco)	5,000/4,000
Weight	7.5 kg
Code No. 1000NP3250	Price on request

WXGA
3LCD
4,000/3,200
7.5 kg
Price on request





Accessories

NEC NP01FL lens

The throw ratio 0.8:1, on-axis projection, is only suitable for rear projection: Automatic image comparison. Code No. 1903-01

NEC NP02ZL lens

Throw ratio 1.15-1.5:1 Code No. 1903-02

NEC NP03ZL lens

Throw ratio 2.0-3.0:1 Code No. 1903-03

NEC NP04ZL lens

Throw ratio 3.0-4.7:1 Code No. 1903-04

NEC NP05ZL lens

Throw ratio 4.7-7.0:1 Code No. 1903-05



Optoma EX785 and EW775 -

light power for your presentations







- Optical lens shift for flexible use
- A variety of analogue and digital connection options incl. HDMI, DVI-D and BNC
- RJ45 interface for remote control and control through a network
- No maintenance work thanks to the filter-free DLP design
- 3 optional interchangeable lenses for different room conditions
- 3D ready for three-dimensional presentations
- Very quiet operation: just 30 dB (eco mode)



Optoma EX785	
Resolution	XGA
Technology	DLP
ANSI lumens	5,000
Weight	8 kg
Code No. 1000EX785	Price on request

Optoma EW775	
Resolution	WXGA
Technology	DLP
ANSI lumens	4,500
Weight	8 kg
Code No. 1000EW775	Price on request

The units are supplied without lenses. Interchangeable lenses on request.





Technical data of installation digital projectors

Model	Canon LV7590	CASIO XJ-H1600 / XJ-H1650	Epson EB-G5600	Epson EB-G5950
ANSI lumens (normal/eco)	7,000/5,600	3,500/n.s.	4,500/3,600	5,200/4,160
Resolution	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)
Technology	LCD	DLP	LCD	LCD
Contrast	1,800:1	1,800:1	1,000:1	2,000:1
Lamp lifetime in hours (normal/eco)	2,000/3,000	20,000	2,000/3,000	2,000/3,000
Distance to image width (throw ratio)	depending on lens	1.6 - 1.9:1	1.3 - 2.36:1	1.3 - 2.36:1
Fan noise in dB (normal/eco)	40/35	n.s.	33/28	38/32
Dimensions H/W/D	18.7/37.0/44.0 cm	9.9/40.0/32.3 cm	13.5/47/38.1 cm	13.5/47/38.1 cm
Weight	11.4 kg (without lens)	n.s.	6.7 kg	6.8 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	47	47	48	48
Code No.	1000LV7590	1000XJH1600 / 1000XJH1650	1000EBG5600	1000EBG5950

Model	Epson EB-G5650W	Epson EB-G5450WU	Epson EB-G5750WU	LG BX503B
ANSI lumens (normal/eco)	4,500/3,600	4,000/3,200	4,500/3,600	5,000/4,000
Resolution	1,280 x 800 (WXGA)	1,920 x 1,200 (WUXGA)	1,920 x 1,200 (WUXGA)	1,024 x 768 (XGA)
Technology	LCD	LCD	LCD	DLP
Contrast	2,000:1	1,000:1	1,500:1	2,800:1
Lamp lifetime in hours (normal/eco)	2,000/3,000	2,000/3,000	2,000/3,000	2,000/2,500
Distance to image width (throw ratio)	1.3 - 2.4:1	1.3 - 2.3	1.3 - 2.3	1.57 - 1.87
Fan noise in dB (normal/eco)	38/32	35/30	39/33	35/33
Dimensions H/W/D	13.5/47/38.1 cm	13.5/47/38.1 cm	13.5/47/38.1 cm	10.9/34.6/26.3 cm
Weight	6.8 kg	6.8 kg	6.8 kg	5.8 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	48	48	48	49
Code No.	1000EBG5650W	1000EBG5450WU	1000EBG5750WU	1000BX503B



Technical data of installation digital projectors

Model	LG BX403B	Hitachi CP-X4021N	Hitachi CP-X5021N	Hitachi CP-WX4021N
ANSI lumens (normal/eco)	4,000/3,200	4,000/2,800	5,000/3,500	4,000/2,800
Resolution	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)	1,280 x 800 (WXGA)
Technology	DLP	3LCD	3LCD	3LCD
Contrast	2,800:1	2,000:1	2,000:1	2,000:1
Lamp lifetime in hours (normal/eco)	2,000/2,500	3,000/5,000	3,000/5,000	3,000/5,000
Distance to image width (throw ratio)	1.57 - 1.87	1.5 - 2.5:1	1.5 - 2.5:1	1.5 - 2.5:1
Fan noise in dB (normal/eco)	35/33	36/30	36/30	36/30
Dimensions H/W/D	10.9/34.6/26.3 cm	10.3/40.0/31.8 cm	10.3/40.0/31.8 cm	10.3/40.0/31.8 cm
Weight	5.8 kg	4.6 kg	4.6 kg	4.6 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	49	49	49	49
Code No.	1000BX403B	1000X4021N	1000X5021N	1000WX4021N

Model	SANYO PLC-XF1000	SANYO PLC-WM4500L	SANYO PLC-WM5500L	Vivitek D8300
ANSI lumens (normal/eco)	12,000/9,600	4,500/3,600	5,500/4,400	6,500
Resolution	1,024 x 768 (XGA)	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)	1,920 x 1,080 (Full HD)
Technology	LCD	LCD	LCD	DLP
Contrast	4,000:1	800:1	800:1	2,000:1
Lamp lifetime in hours (normal/eco)	2,000/3,000	2,000/3,000	2,000/3,000	1,500/n.s.
Distance to image width (throw ratio)	depending on lens	depending on lens	depending on lens	1.85 - 2.40:1
Fan noise in dB (normal/eco)	42/39	38/31	38/31	45/n.s.
Dimensions H/W/D	26.8/53.0/75.7 cm	16.4/48.95/37.11 cm	16.4/48.95/37.11 cm	n.s.
Weight	27.6 kg	8.5 kg	8.9 kg	15.0 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	50	50	50	51
Code No.	1000XF1000	1000WM4500L	1000WM5500L	10008300

Model	Vivitek D6510	Vivitek D6010	NEC NP1250	NEC NP2250
ANSI lumens (normal/eco)	6,500	6,000	3,700/2,960	4,200/3,360
Resolution	1,024 x 768 (XGA)	1,280 x 800 (WXGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)
Technology	DLP	DLP	3LCD	3LCD
Contrast	3,000:1	3,000:1	600:1	600:1
Lamp lifetime in hours (normal/eco)	1,500 / 2,500	1,500/2,500	2,000/3,000	2,000/3,000
Distance to image width (throw ratio)	1.78 - 2.35:1	1.8 - 2.38:1	1.5 – 2.0:1	1.5 – 2.0:1
Fan noise in dB (normal/eco)	39/34	39/34	33/30	34/30
Dimensions H/W/D	19.5/50.8/38.9 cm	19.5/50.8/38.9 cm	15.0/39.9/35.8 cm	15.0/39.9/35.8 cm
Weight	17.0 kg	17.0 kg	7.5 kg	7.5 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	51	51	52	52
Code No.	10006510	10006010	1000NP1250	1000NP2250

Model	NEC NP3250	NEC NP3250W	Optoma EX785	Optoma EW775
ANSI lumens (normal/eco)	5,000/4,000	4,000/3,200	5,000 /4,500	4,500/4,000
Resolution	1,024 x 768 (XGA)	1,280 x 800 (WXGA)	1,024 x 768 (XGA)	1,280 x 800 (WXGA)
Technology	3LCD	3LCD	DLP	DLP
Contrast	600:1	500:1	2,000:1	2,000:1
Lamp lifetime in hours (normal/eco)	2,000/3,000	2,000/3,000	1,500/2,000	1,500/2,000
Distance to image width (throw ratio)	1.5 – 2.0:1	1.5 – 2.0:1	depending on lens	depending on lens
Fan noise in dB (normal/eco)	38/30	38/30	32/30	32/30
Dimensions H/W/D	15.0/39.9/35.8 cm	15.0/39.9/35.8 cm	14.3/41.6/32.4 cm	14.3/41.6/32.4 cm
Weight	7.5 kg	7.5 kg	8.0 kg	8.0 kg
Warranty projector	depends on country	depends on country	depends on country	depends on country
Warranty original lamp	depends on country	depends on country	depends on country	depends on country
Catalogue page	52	52	53	53
Code No.	1000NP3250	1000NP3250W	1000EX785	1000EW775







The diversity of brands – your supplier for digital projector spare lamps











In the more than 15 years in which MEDIUM has been selling digital projectors from leading manufacturers throughout the world, we have managed to put together a database with more than 3,000 LCD projector models for which MEDIUM can supply spare lamps. You can purchase spare lamps from the **MEDIUM trade partners** for current models and for projector models that have already been discontinued by specialist traders. MEDIUM has the corresponding stocks for all standard models and can therefore guarantee short delivery times.

Our strength in the spare lamp business

- More than 15 years of experience in selling digital projectors
- Spare lamps for more than 3,000 different projector models are on offer
- Extensive stocks
- Short delivery times
- Competitive prices
- Aids to help you find the spare lamp such as comparison lists or the lamp assistant is available at www.medium.de

MEDIUM "Flash" lamp assistant

With the "Flash" lamp assistant, MEDIUM provides you with a simple aid to help you find the right spare lamp. The lamp assistant works using the Internet and accesses the database which is centrally maintained by MEDIUM. We are pleased to name some **MEDIUM trade partners** who use these assistants upon request.

Practical tips: how to make optimum use of the lamp's service life

- The digital projector air filter should be cleaned regularly so that the projector is always sufficiently cooled
- The projector should have enough time to cool down before being disconnected from the mains
- Switching the unit on and off frequently damages the lamp. For short breaks, it is better to leave the projector running than to switch it off
- If the full brightness of the digital projector is not required, the so-called "eco" mode helps you achieve optimum use of the lamp's service life

Brands

3M, A+K, Acer, ASK, Avio, BenQ, Canon, CASIO, Christie, CTX, Dell, Eiki, Eizo, ELMO, Epson, Geha, Hitachi, IBM, Iiyama, InFocus, JVC, Kindermann, Lasergraphics, LG, Liesegang, MEDIUM, Mitsubishi, NEC, Optoma, Panasonic, Philips, Pioneer, PLUS, ProjectionDesign, Proxima, Samsung, SANYO, Seleco, Sharp, Sony, TAXAN, TOSHIBA, Video7, ViewSonic

Tip:

Is your brand not listed?
Just ask us!



For focussed attention!

MEDIUM green laser pointer – much brighter than any

red laser pointer

Particularly useful in large, brightly lit rooms.

- Range: approx. 500 m
- Wave length: 532 Nm
- Including metal case
- Including, batteries: 2 x 1.5 V AAA micro
- Length: approx. 15.5 cm, Ø 1.4 cm
- Weight: 78 g incl. batteries

Code No. 192162



MEDIUM Laser Classic - laser pointer and pen

in one



- Range: approx. 100 m
- Material: silver coloured metal
- Including batteries: 3 x 1.55 V SR41 button cell
- Weight: 30 g incl. batteries

Code No. 192160

MEDIUM red laser pointer – mark your information with a clearly

visible point

- Range approx. 200 m
- Wave length: 650 Nm
- Including metal case
- Including. batteries: 2 x 1.5 V AAA micro
- Length: approx. 13.5 cm, Ø 1.3 cm
- Weight: 76 g incl. batteries

Code No. 192161



All MEDIUM laser pointers are laser class 2 devices and have DIN EN 61000-6-3, DIN EN 61000-6-1 and DIN EN 60825-6-1 classification.

MEDIUM Travel Bag

Classic travel bag for projector and laptop, combining solid workmanship and attractive design

- This padded travel bag allows safe transportation of projectors and laptops
- Trolley handle extends to 90 cm
- Various compartments for cables and accessories
- Adjustable padded shoulder strap
- Strong leather carry handle
- Accepted as carry-on baggage on aircraft
- Travel bag for projectors up to 8/33/26 cm (H/W/D)
- Overall dimensions of the bag: 34/38/21.5 cm (H/W/D)
- Material: polyester/nylon, leather handle
- Weight: 3.1 kg

Code No. 1185-09



MEDIUM Anti-theft Protection



MEDIUM anti-theft protection with alarm system

- An acoustic alarm shrills at 105 dB if the steel cable is cut or the device is moved
- Security of a combination lock with 10,000 possible combinations
- A flashing LED display shows that the alarm is armed
- Self-recoiling, cut-proof, non-rusting steel cable
- Variable cable length up to 90 cm

Anti-theft protection for your projector

Length of the steel cable: 1.5 m

MEDIUM Kensington Lock

or laptop

Lock with kev

Code No. 1908-4

Code No. 1908-5

Kramer Flat HDMI Cables

Kramer's flat HDMI cables were developed for "invisible" installations of longer cables. You can easily lay the cables through walls, under carpets, around corners or behind other pieces of equipment. The flat design means are unobtrusive.

- Quality design: with the design as a flat, flexible cable, problems with crosstalk or interference are reduced in comparison with traditional round HDMI cables
- High-quality plugs: the gold-plated plugs are resistant to corrosion, reduce the impedence and offer the best possible connection
- The high resolutions of these cables allow signals with an extremely high range, up to 1080p, to be conducted over longer distances without the signal becoming worse than with conventional cables
- Lengths of up to 22.9 m are available

Length	Code No.
4.6 m	1951-243
7.6 m	1951-244
10.6 m	1951-245
15.2 m	1951-246
22.9 m	1951-247





Kramer S-Video Cables 4-Pole Mini-DIN

The S-Video connecting cables in 4-pole Mini-DIN are high-performance S-Video-(Y/C) cables with a cast 4-pole Hosiden plugs on both ends of the cable. They transmit the luminance and chrominance signals over separate lines.

- Cable design: 2x 26 AWG coaxial
- Outer diameter: approx. 8 mm
- Outer diameter of plugs: approx. 13 mm

- Cast 4 pole Hosiden plugs with gold-plated contacts
- Cable colour: anthracite

Length	Code No.
1.8 m	1951-81
3.0 m	1951-82
4.6 m	1951-83
7.6 m	1951-84
10.6 m	1951-85
15.2 m	1951-86
22.9 m	1951-87
30.5 m	1951-88





Kramer 3x RCA Component Connecting Cables

The component cables serve the purpose of connecting video equipment such as a DVD player with display equipment such as projectors or flat displays, achieving the best possible quality. This is achieved by transmitting the colour and brightness signals via three individual lines.

- Cable design: shielded, 3x 75 ohm coaxial
- Outer diameter: 7.5 mm
- Outer diameter of plugs: approx. 10 mm

- Plugs: gold-plated contacts, colour-coded (red, green and blue)
- Cable colour: anthracite

Length	Code No.
0.9 m	1951-90
1.8 m	1951-91
3.0 m	1951-92
4.6 m	1951-93
7.6 m	1951-94
10.6 m	1951-95
15.2 m	1951-96





MEDIUM Active USB Cables 2.0

Active USB extension cables to connect USB equipment in line with the USB-2.0-Standard. A maximum of 3 of these cables can be cascaded. The cable is compatible for downstream connection to USB-1.1 and USB-1.0-Standard.

- Cable length: 5 m
 Design: USB A-socket on a USB A-plug with a screw-connected or moulded plastic housing
- Cable colour: black
 Code No. 1958-USB



MEDIUM VGA Switcher VP-411DS

The VP-411DS is a high-performance switcher for VGA signals with resolutions of VGA to UXGA and higher, as well as asymmetric stereo audio. The switch priority for each of the four inputs can be set in the coiguration as a standby switcher. Code No. 1951-VP411DS







Create the connection!



MEDIUM RGB connecting cable

- Budget quality
- Cable design double shielded 3 x 75 ohm coaxial + 7 x copper core
- Plastic caps, cast
- Cable colour: anthracite

Length	Code No.
2 m	1953-121
3 m	1953-122
5 m	1953-123
7 m	1953-124
10 m	1953-125
15 m	1953-126
20 m	1953-127



MEDIUM DVI-I connecting cable

- Budget quality
- Dual-link up to a maximum of 2,048 x 1,536 pixel
- Pixel clock with a maximum of 330 MHz
- DVI-I 24+5 pin, moulded cable with knurled screws
- Cable colour: anthracite

Length	Code No.
2 m	1953-200
3 m	1953-201
5 m	1953-202
10 m	1953-203
15 m	1953-204



MEDIUM HDMI connecting cable

- Budget quality
- Video data max. HDTV (1080p)
- Audio data max. 192 kHz
- HDMI jack cast, gold-plated plug contacts with ferrite core
- Cable colour: anthracite

Length	Code No.
1.0 m	1953-210
2.0 m	1953-211
3.0 m	1953-212
5.0 m	1953-213
7.5 m	1953-214
10.0 m	1953-215





Kramer Computer, Audio and Network in one cable

This combi-cable brings computer, audio and network together into one cable. A jumble of cables on the conference desk or missing can now be a thing of the past.

- The 15 P. D-sub plugs are fully wired
- The audio lines are 20 cm long from the VGA plug and 61 cm long at the other end
- The RJ45 lines are 15 cm long on both ends

- Design: Micro-coaxial lines for VGA and 24AWG lines for UPT CAT 5e cables
- Plug: 15 P. D-sub plug

Length	Code No.
0.9 m	1951-110
1.8 m	1951-111
3.0 m	1951-112
4.6 m	1951-113
7.9 m	1951-114



Kramer VGA Amplifier VP2L up to 100 m cable length

- Resolution up to UXGA, HDTV compatible
- A controller regulates the level (amplification) and EQ (equalisation)
- ID-Bit setting
- Ultra compact

Code No. 1951-VP2L



Kramer VGA Distributor 1/2

- High range 400 Mhz (-3dB) and HDTV compatible
- This distributor offers advanced syncprocessing, even if the sync-level is too low
- The EDID data is reported back to the source by the displays
- 1x input, 2x outputs, each with 15 P. D sub socket
- A power pack, 0.9 m VGA connecting cable and a mounting bracket are included in the delivery
- 7 year manufacturer's warranty Code No. 1951-VP200



Kramer HDMI Amplifier PT-2HDMI

- Resolution up to 1,920 x 1,080 pixel
- HDTV and HDCP compatible
- The maximum cable length is 45 m
- The voltage is supplied through the HDMI source
- Compact housing
- HDMI socket / HDMI socket Code No. 1951-PT2 HDMI

Kramer HDMI via a CAT cable

Twisted Pair transmitters and receivers for HDMI signals. The TP-571 converts a HDMI signal into a Twisted Pair signal and the TP-572 converts the Twisted Pair signal back into a HDMI signal. The transmission range depends on the resolution, the source and the display, as well as on the quality of the cable used. The maximum ranges can only be achieved when using the corresponding Kramer cables.

- HDTV compatible
- The HDCP & HDMI are 1.3a compliant
- Cable lengths of up to 90 m for 1080p or up to 100 m for 1080i when using CAT-7 cables
- EDID support

- The status LED's illuminate when switched on (red) and when transmitting (green)
- With the Power Connect[™] System, only one of the devices in a system (either the transmitter or receiver) has to be connected with the power source (within a 50 m system range)
- Ultra compact Pico Tools version 4 units can be mounted in a 19" rack on 1HE with the help of an optional rack adapter RK-4PT

Kramer TP-571
Code No. 1951-TP571

Kramer TP-572Code No. 1951-TP572













Kramer TP-572

APart 2-way active speaker

This 2-way active speaker is used for small monitor systems or to support the presentation with sound control and ample connection options.

- Active 2-way system with 2x 30 watt
- Neutral sound with emission angle of 120° x 100°
- The electricity supply and audio only has to be conducted to one of the speakers
- Sound controller for treble and bass
- IR remote control

- Auto power on/off function
- A wall mount is included in the standard delivery
- Weight: 5.75 kg
- Dimensions without wall mount W/H/D: 181/238/170 mm

Colour	Code No.
Black	1962-SDQ5PIR-BL
White	1962-SDQ5PIR-W





Bachmann POWER FRAME desk connector

The POWER FRAME is an installation frame with an easy to integrate socket for workstations and conference rooms. This frame is used on desk tops from 16 mm in size and is fixed using two standard wood screws, the installation depth is approx. 70 mm.

POWER FRAME

2x Schuko, 1x VGA, 1x HDMI, 1x audio, 2x LAN, 1x video, 1x S-Video Outer dimensions W/D: 36.1/7.3 cm
 Code No. 1950-PF100

POWER FRAME

- 2x Schuko, 1x VGA, 1x HDMI, 1x audio, 2x LAN, 1x USB
- Outer dimensions W/D: 36.1 x 7.3 cm
 Code No. 1950-PF101

Other equipment is available on request.



TLS ISL System

The standard line installation kits are pre-assembled connection panel systems with which all the necessary connections can be neatly integrated into standard switch ranges.

Module I:

- VGA 15 pin HD 70 cm cable
- Video cinch solder cup
- Audio 3.5 mm jack solder cup
- LAN Cat GenderChanger
- Carrier frame

Code No. 1954-ISL900

Module II:

- VGA 15 pin HD 70 cm cable
- S-Video 4 pin mini DIN solder cup
- Audio 3.5 mm jack solder cup
- Audio 2 x cinch R/L solder cup
- Carrier frame

Code No. 1954-ISL901

Module III:

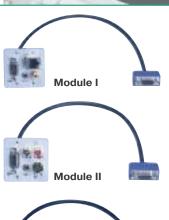
- VGA 15 pin HD 70 cm cable
- Video cinch solder cup
- Audio 3.5 mm jack solder cup
- Audio 2 x cinch R/L solder cup
- Carrier frame

Code No. 1954-ISL902

Module IV:

- VGA 15 pin HD 70 cm cable
- Video cinch solder cup
- S-Video 4 pin mini DIN solder cup
- Audio 2 x cinch R/L solder cup
- Carrier frame

Code No. 1954-ISL904









You will find the full accessories range in our current presentation accessories catalogue.

Make your noise be heard!



Kramer Audio Connecting Cables 3.5 mm stereo jack

The audio connecting cables are setup on a high-quality cable with a shielded pair of strands, finished with moulded 3.5 mm stereo jack plugs. These cables can be used to make the connection from audio sources such as a computer or laptop with projectors, flat displays or other display equipment. These cables are suitable for both serial or infrared controls that frequently use shielded strand pairs to connect the Tx, Rx and Gnd contacts.

- Cable design: shielded, 4x 20 AWG
- Outer diameter: approx. 5.6 mm
- Outer diameter of plugs: approx. 10 mm
- Moulded plug housing made of plastic
- Cable colour: anthracite

Length	Code No.
1.8 m	1951-70
3.0 m	1951-71
4.6 m	1951-72
7.6 m	1951-73
10.6 m	1951-74
15.2 m	1951-75



TLS VoiceMaker MP3/USB Recorder the portable sound solution

The VoiceMaker MP3/USB Recorder is a very handy, high-performance amplifier box that is suitable for daily use in classrooms.

- MP3/CD Player and USB Recorder
- Saving to a USB storage medium is possible
- ID3-day technology
- The integrated microphone input allows professional dictation, moderation and very high quality recordings
- Infrared remote control (adjustable volume by remote control)

Code No. 1954-VM2



RCS Sound-Desk - a mobile, active lectern system

Sound-Desk: this name stands for an active lectern which help you achieve an effect and presence in any presentation.

The high-performance 120 watt amplifier (60 W RMS) is optimally aligned with a speaker line constructed in the stand. Thanks to the integrated bridge technology, you can extend your system with additional systems. The right sound for any size room can be achieved with this active lectern combination.

Sound-Desk SD-120 U1

Max. 120 w, with integrated 1-channel UHF wireless microphone receiver Code No. 1961-SD120WU1 (white) Code No. 1961-SD120BU1 (black)

Sound-Desk SD-120 U2

Max. 120 w, with integrated 2-channel UHF wireless microphone receiver Code No. 1961-SD120WU2 (white) Code No. 1961-SD120BU2 (black)



Cables and Signal Distribution



CONCEPT1 – the professional stereo amplifier

This is a professional stereo amplifier at the price level of a HiFi amplifier. The device offers three different operating modes: stereo, 2x mono with linked volume and 2x mono with individual volume. It also offers a wide range of setting options for end consumers and fitters, such as the RS-232 control, line inputs with adjustable gain and a microphone input for announcements.

CONCEPT1T amplifier (low ohm technology)

2x 80 w/4 ohm, RS232, 19"/2HE Code No. 1962-C1

CONCEPT1T amplifier (100 V technology)

2x 60 w/100 v, RS232, 19"/2HE Code No. 1962-C1T





Some examples of solutions:

Meetings

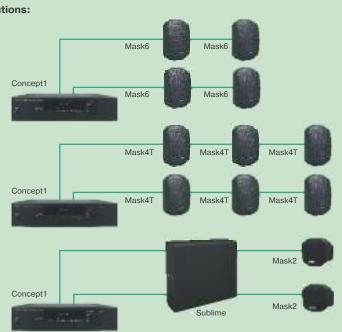
Ideal for applications where a professional sound system with excellent speech understanding is required, such as in meeting rooms or conference halls.

Retail

This is the perfect solution for applications where a reliable system for background sound with the possibility of making announcements such as in sales rooms, galleries or in gastronomy.

Small or medium-sized rooms

The solution for small to medium-sized rooms with a discrete installation and full sound with deep, booming bass sounds.



Kramer Active Speaker SMK-Link GoSpeak! Pro

All you have to do is open it, connect to the mains, create a connection with the sound source and you have the perfect sound for your presentation.

- Perfect for voice amplification
- Folding NXT® plane projector
- Integrated amplifier
- Inputs for 1x Aux (3.5 mm stereo jack), 1x microphone (3.5 mm jack) and 1x microphone (XLR/6.3 mm jack)
- 3.5 mm stereo jack output to the cascaded amplifier GoSpeak! Pro

- Provided with adjusters for the main volume, aux, microphone 1 and microphone 2
- No buzzing thanks to the galvanically separated power pack
- Music power: 2x 30 watt
- Transport dimensions W/H/D: 34/22/7 cm
- Weight: approx. 2.4 kg Code No. 200044





NEU

Kramer Active Loudspeaker Set SPK-OCA508

The SPK-OCA508 is a 2-way active speaker system for wall mounting indoors or outdoors. The system accepts line level stereo signals and amplifies them using an integrated power amplifier passing the loudspeaker signal to the passive speaker.

- 2x 20 watt
- Operating elements: volume, adjusters and network switches
- Audio input as an 3.5 mm stereo jack or screw terminal
- Loop output to connect an additional active speaker

- Output for an active sub-woofer (not included in the delivery)
- Auto power on/off function
- Compact dimensions with H/W/D: 23.6/17.0/19.0 cm
- Including wall mount, 3 m network cable and a speaker cable to the passive box

Colour	Code No.
Black	1951-OCA508-BL
White	1951-OCA508-W









Professional Public Displays – the best reliability and versatility





Highlights

- Extension slots can be used for an integrated computer, digital signage player, TV-tuner (analogue, DVB-T, IPTVS)
- A touch display function is available as an optional accessory (P461 and M461 only)
- Monitor wall solutions with up to a maximum of 10x10 individual displays
- View x-ray images with the integrated DICOM support
- Picture-in-picture function (PIP)
- 24 hour/7 day operation (P series only)
- Digital inputs such as DVI-D, HDMI and Display Port (not X461HB)
- Remote maintenance and remote control via RS232 and LAN

Product name	P461	P521	P551	P701	M461	M521	X461HB
Diagonal	117 cm	132 cm	138 cm	177 cm	117 cm	132 cm	117 cm
Resolution (native)	1,920 x 1,080 (HDTV)	1,366 x 768 (WXGA)					
Brightness (type)	700 cd/m ²	700 cd/m ²	700 cd/m ²	600 cd/m ²	450 cd/m ²	500 cd/m ²	1,500 cd/m ²
Contrast (type)	4,000:1	2,000:1	3,000:1	2,000:1	4,000:1	3,000:1	3,500:1
Viewing angle (type)	178° (horz.)						
	178° (vert.)						
*Dimensions W/H/D	105.5/60.9/14.0 cm	120.0/69.6/14.8 cm	125.0/72.1/15.0 cm	168.0/100.4/19.8 cm	111.2/65.9/14.2 cm	126.2/75.2/14.4 cm	105.5/60.9/14.0 cm
*Weight	36.1 kg	40.0 kg	42.2 kg	96.0 kg	29.8 kg	38.6 kg	31.0 kg
Housing colour	black	black	black	black	black/silver	black/silver	black
Frame width	1.65 cm (left/right)	1.9 cm (left/right)	1.85 cm (left/right)	1.9 cm (left/right)	4.7 cm (left/right)	5.5 cm (left/right)	1.7 cm (left/right)
	1.65 cm (top/bottom)	1.9 cm (top/bottom)	1.85 cm (top/bottom)	1.9 cm (top/bottom)	4.3 cm (top/bottom)	5.2 cm (top/bottom)	1.65 cm (top/bottom)
Installation type	horizontal/vertical						
Option Slot	yes						
VESA mounting	300 x 300, M6	400 x 400, M6	400 x 400, M6	400 x 400, M8	300 x 300, M6	300 x 300, M6	300 x 300, M6
Price	on request						
Code No.	1000P461	1000P521	1000P551	1000P701-L (cross)	1000M461	1000M521	1000X461
				1000P701-P (high)			

^{*}Dimensions and weight without stand. Stand and speakers are not part of the delivery standard



Speaker set

Accessories

NEC speaker set for P461 Code No. 100401-LS

NEC speaker set for P521 Code No. 100521-LS

NEC speaker set for M461 Code No. 100M46-LS

NEC stand for P461 and X461HB Code No. 1004620-SF

NEC stand for P521 Code No. 100P521-SF

NEC stand for M461/M521 Code No. 100M401-SF

More accessories upon request.



SANYO LC Flat Displays – the indoor and outdoor specialists

Unlimited entertainment, unlimited information: SANYO LCD monitors are of incomparable durability, the only models on the market that ensure brilliant viewing anywhere, anytime, and regardless of the weather. Perfectly suitable for indoor and outdoor installation under any conditions, digital signage and industrial applications, these weatherproof and waterproofing monitors have a proven track record in ski resorts, leisure parks, industrial plants, rail stations, simulators and carwash facilities.

Weather and waterproof (Models CE42LH2WP, CE42SR4, CE52LH2WP and CE52SR3)

- LCD monitors for all indoor and outdoor installation, even under extreme conditions
- Weatherproof to IP66 standard
- The winter mode makes the monitor suitable for use at temperatures down to -20° C

- Rust-free eloxal aluminium housing
- Highly resistant screen to protect against vandalism
- Optional network incorporation using the PJ Net Organizer
- "Sunlight-readable" for use in bright and frequently changing sunlight conditions (CE42SR4 and CE52SR3 only)

Protected against oil, smoke and dust (Models CE 42LH2R, CE 52LH2R)

- Robust LCD monitors in environments subject to oil, smoke and dust
- Optional network integration
- Non-reflecting acrylic screen surface

Wall mounts are available on request.



Product name	CE42LH2WP	CE42SR4	CE52SR3	CE52LH2WP	CE42LH2R	CE52LH2R
Diagonal	106.7 cm	106.7 cm	132 cm	132 cm	106.7 cm	132 cm
Resolution (native)	1,920 x 1,080 (HDTV)	1,920 x 1,080 (HDTV)	1,920 x 1,080 (HDTV)	1,920 x 1,080 (HDTV)	1,920 x 1,080 (HDTV)	1,920 x 1,080 (HDTV)
Brightness	500 cd/m ²	max. 1,500 cd/m ²	max. 1,500 cd/m ²	700 cd/m ²	500 cd/m ²	700 cd/m ²
Contrast (type)	1,000:1	1,000:1	2,000:1	2,000:1	1,000:1	2,000:1
Inputs	DVI-D, D-Sub15, 5x	DVI-D, D-Sub15, 5x	DVI-D, D-Sub15, 5x	DVI-D, D-Sub15, 5x	DVI-D, D-Sub15, 5x	DVI-D, D-Sub15, 5x
	BNC, 1x BNC,	BNC, 1x BNC,	BNC, 1x BNC,	BNC, 1x BNC,	BNC, 1x BNC,	BNC, 1x BNC,
	components, SCART,	components, SCART,	components, SCART,	components, SCART,	components, SCART,	components, SCART,
	RS232, Audio	RS232, Audio	RS232, Audio	RS232, Audio	RS232, Audio	RS232, Audio
Outputs	5x BNC, 1x BNC,	5x BNC, 1x BNC,	5x BNC, 1x BNC,	5x BNC, 1x BNC,	5x BNC, 1x BNC,	5x BNC, 1x BNC,
	RS232, Audio	RS232, Audio	RS232, Audio	RS232, Audio	RS232, Audio	RS232, Audio
Operating temperature	-20° to +40°C	-20° to +40°C	-20° to +40°C	-20° to +40°C	0° to +40°C	0° to +40°C
Dimensions W/H/D	102.7/62/17.9 cm	102.7/62/17.9 cm	130.4/80/22.8 cm	130.4/80/22.8 cm	102.7/62/17.9 cm	130.4/80/22.8 cm
Weight	37.5 kg	39 kg	83 kg	83 kg	33 kg	65 kg
Special features	weatherproof	weatherproof to IP66,	weatherproof to IP66,	weatherproof	protected against oil,	protected against oil,
	according to IP66	sunlight-readable	sunlight-readable	according to IP66	smoke and dust	smoke and dust
Price	on request	on request	on request	on request	on request	on request
Code No.	10042LH2WP	10042SR4	10052SR3	10052LH2WP	10042LH2R	10052LH2R



Electronic Wireless Presentation Tools for Professionals















- 1) RemotePoint Laser Presenter
- 2) RemotePoint Emerald Navigator
- 3) RemotePoint Pilot Pro
- 4) RemotePoint Global Presenter
- 5) RemotePoint Touchpad
- 6) RemotePoint Jade

Highlights

- Attractive design
- Integrated laser pointer
- Compact in size and ideal for people on the move

Target groups

- A) Users who occasionally hold presentations and mainly use the next slide or previous slide functions and perhaps a laser pointer:
- RemotePoint Laser Presenter
- RemotePoint Emerald Navigator
- B) Users who have to use the mouse pointer at times during the course of the presentation:
- RemotePoint Pilot Pro

- RemotePoint Global Presenter
- RemotePoint Touchpad (requires a computer with BlueTooth interface)
- C) Users who hold presentations in front of large audiences need a very bright laser pointer. Green lasers are 10 times brighter than red laser pointers:
- RemotePoint Emerald Navigator
- RemotePoint Jade

Product name	(1) RemotePoint	(2) RemotePoint	(3) RemotePoint	(4) RemotePoint	(5) RemotePoint	(6) RemotePoint
	Laser Presenter	Emerald Navigator	Pilot Pro	Global Presenter	Touchpad	Jade
Remote range	20 m	30 m	15 m	30 m	10 m	45 m
Manual mouse control	no	no	track point	track point	touch pad	track point
Programmable Special functions	no	yes*	no	no	no	yes*
Mouse buttons	no	no	yes	yes	yes	yes
Functional keys	blanking	blanking	blanking	blanking	blanking	4
Laser pointer	red	green	red	red	red	green
Dimensions H/W/D	2.4/4.5/12.5 cm	12.0/4.0/2.5 cm	2.7/5.2/11.8 cm	3.4/6.2/10.9 cm	2.1/4.0/12.0 cm	2.7/3.8/16.0 cm
Code No.	200060	200043	200034	200032	200031	200040

Note: All products are compatible with Windows XP, VISTA, Windows7, Apple Mac and Linux and require a free USB port on the computer.

* Special functions such as programmable function keys are only compatible with MS Windows operating systems.





Attention Under Control –

Gyration wireless mice and keyboard with Wii effect

Multi-functional 3D wireless mice from MEDIUM are ideal for attracting the attention of your audience: You can highlight your projection elements from anywhere in the room, provide them with arrows or darken areas of the image – and you still have your hands free to the control the computer. Training sessions and presentations can therefore be made more exciting.

- Full freedom of movement no need to stand at a whiteboard to interact
- Draw attention to the essential information
- Precision control of the mouse pointer solely using the motions of your hand
- Works with all documents
- Easy operation
- Simple installation: insert the USB receiver in a USB port, slide the mouse switch to "on", press the "connect" button on the USB receiver and mouse and the computer will automatically identify and configure the mouse, no manual driver installation necessary

Target groups

- Professional trainers and instructors
- External and internal sales staff
- Professors, teachers and students
- School pupils

Gyration GYM5600EU

- Works equally well on a desk or with the the motions of your hand in the air
- Simple and intuitive operation
- Attractive design with 3 programmable function buttons
- Attract attention and control programs with hand movements and gestures (GyroTools/MotionTools
- Environmentally-friendly battery operation thanks to the direct charge through the mouse by USB cable or by using a charger (included in delivery)

GYM5600LKDE

 This has the same features as GYM5600EU including a keyboard (QWERTZ) with 104 keys. It has 12 function keys for internet, e-mail and multimedia and is operated with 4 AAA disposable batteries



GYM5600EU

Product name	Air-Mouse Elite GYM5600EU	Air-Mouse Elite Suite GYM5600LKDE
Wireless range	30 m	30 m
Mouse control, hand	Gyroscope	Gyroscope
Mouse control, desktop	laser	laser
Special programmable functions		
Mouse keys	yes	yes
Hand motion	yes	yes
Function keys	3	3
Gesture control	yes	yes
Laser pointer	virtual	virtual
Power supply	rechargeable	rechargeable (mouse) / one-way (keyboard)
Presentation software		
included in delivery	MotionTools	MotionTools
Dimensions H/W/D	4,0/6,0/11,6 cm	1.5/42.7/15.0 cm
Code No.	20160	20161

Note: All products described on this page only work with a computer with a free USB interface and with Microsoft Windows XP, Vista 32 Bit or Windows 7 installed as an operating system. The There is limited function with MAC OS X from version 10 and Linux with installed USB drivers for the respective operating system.



Universal Mounts - for Plasma and LC Displays



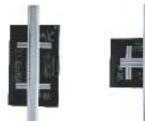
NEU **NEW**

Stand X FH/ Mobile stand X FH M1105/1455/1955

- +2°/-3° display tilts
- Load capacity: 50 kg
- Stepless variable length of 1,005 to 1,955 mm
- Including X H universal adapter (load capacity: 50 kg)
- VESA-Standard of 200 x 200 to 800 x 400 mm (~40-55")
- Cable management
- Colour: aluminium/white

Stand X FH	Code No.
X FH 1105	22555
X FH 1455	22556
X FH 1955	22557

Mobile stand X FHM	Code No.
X FH M 1105	22545
X FH M 1455	22546
X FH M 1955	22547









Universal adapter X H+ - available as an option

The universal adapter X H+ has a VESAstandard of 200 x 200 to 1.200 x 700 mm (~60-80") and a load bearing capacity of up to 100 kg.

Code No. 22548

Sockets for EU, CH and UK (not shown) Code No. 10385, 10386 and 10387

Shelf	Code No.
White	22549
Oak	22550
Walnut	22551

Media Box	Code No.
White	22552
Oak	22553
Walnut	22554



Wall mount WH 3D

- Distance from wall: 11 cm (retracted) 70 cm (extended)
- 90° swivel and 10° tilt (depending on display model)
- Load capacity: 50 kg
- Including universal adapter

Colour	Code No.
White	22715
Black	22716
Dark grey	22717

VESA-Standard: 200x100/200x200/ 400x200/400x400/600x400/800x400 mm





Wall mount WH T

- 10° tilt
- Load capacity: 100 kg
- Including universal adapter
- Colour: silver Code No. 22509

VESA-Standard: 200x200/400x200/ 400x400/600x400/800x400/800x500 mm





Ceiling mount CH VST2

- Concealed cable guide
- 360° swivel and 25° tilt
- Load capacity: 100 kg
- Stepless height adjustment from 85.5 to 14.5 cm (display centreline)
- Including universal adapter H UniSlide
- Colour: silver Code No. 22510

VESA-Standard: 200x100/200x200/ 400x200/400x400/600x200/600x400/800x400 mm



Universal Projector Mounts WL SHORT THROW V+

- Steplessly adjustable projector along the projector arm
- Arm lengths available in 680, 1,200, 1,450 or 1,600 mm
- Projector carriage with +/-12° tilt
 (this is required to fix the projector)
- Load capacity: 120 kg

Design in aluminium/white

- The wall plate can be adjusted +/-25 mm vertically and +/- 22,5 mm horizontally
- Including 4 x M4 and 4 x M6 projector screws
- Concealed cable guide
- Colour: aluminium/ white or black

Projector carriage in aluminium/white Code No. 22766

Projector arm in aluminium/white		
Height	Code No.	
680 mm	22768	
1,200 mm	22769	
1,450 mm	22770	
1,600 mm	22771	



Design in black

Projector carriage in black

Code No. 22767

Projector arm in black	
Height	Code No.
680 mm	22772
1,200 mm	22773
1,450 mm	22774
1,600 mm	22775



Universal projector mount CL V

- Elegant design
- Concealed cable guide
- Suitable for attachment to ceilings with up 30° pitch
- Load capacity: 12 kg
- Including the universal adapter UniSlide
- Colour: aluminium/silver
- Other lengths are available upon request

Also available in black on request.

CL V 300-350

Length steplessly adjustable from 33 to 38 cm

Code No. 22531

CL V 500-750

Length steplessly adjustable from 53 to 78 cm $\,$

Code No. 22532

CL V 650-900

Length steplessly adjustable from 68 to 93 \mbox{cm}

Code No. 22533

CL V 1050-1300

Length steplessly adjustable from 108 to 133 cm

Code No. 22541



Universal projector mount CL F

- Flexible design
- Concealed cable guide
- Load capacity: 12 kg
- Including the universal adapter UniSlide
- Colour: aluminium/silver
- Other lengths are available upon request

CLF75

Fixed length of 14 cm Length cannot be shortened Code No. 22535

CLF 250

Fixed length of 32 cm

Length cannot be shortened Code No. 22542

CLF 500

Fixed length of 57 cm

The mount can be shortened to

required length

Code No. 22536

CLF 1500

Fixed length of 157 cm

The mount can be shortened to

required length

Code No. 22538



MEDIUM

MEDIUM Ceiling Mount Prestige -

sophisticated design for all projectors up to 25 kg

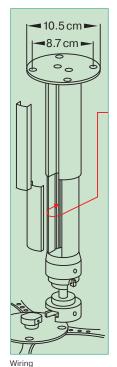




Universally adjustable securing arms, maximum span of 34 cm. extendable if required



Ceiling aperture cover



Clamp screw for height adjustment in the lower section of the cable duct



- Steplessly height adjustable projector mount made of high-grade, round-section aluminium with quick-fastening device
- For suspended ceilings, the cover can be removed and the hanger bolt used
- Clamp screw for height adjustment (in the lower section of the cable duct make it perfect for suspended ceilings)
- Aluminium cable-cover inserts conceal the connecting cables inside the projector mount
- Flexible orientation with ball joint (360° swivel and 90° tilt)
- Universal adaptability with variable mounting arms
- Quick-change attachment for easy installation and maintenance
- The set includes a ceiling aperture cover for a clean ceiling finish
- Load capacity: 25 kg
- Colour: aluminium (anodised)

Standard delivery for all 5 models:

- Projector mounts
- Projector fastening bolts in sizes M3/M4/M5

(M6 available upon request)

- Washers for projector fastening screws
- Allen key for adjusting and fastening moving parts
- Ceiling aperture cover
- Mounting instructions

Projector mounts are TÜV/GS/CE safety tested. Made in Germany.



1) Prestige

Fixed length of $15\ cm$ Code No. 22033

2) Prestige

Fixed length of 25 cm Code No. 22034

Length steplessly adjustable from 35 to 50 cm, with fall arrester

Code No. 22035

4) Prestige (not shown)

Length steplessly adjustable from 45 to 70 cm, with fall arrester

Code No. 22036

5) Prestige (not shown)

Length steplessly adjustable from 75 to 130 cm, with fall arrester

Code No. 22037

Special lengths are available upon request.

Accessories

MEDIUM ceiling aperture cover

for projector mounts Code No. 22042

MEDIUM steplessly adjustable swivel

for ceiling pitch with pivots up to 90°. Securing the pivot to the ceiling increases the size of the mount by approximately 7.5 cm.

Code No. 22038







MEDIUM Ceiling Mount Home, Standard and Exclusiv – for all projectors up to 25 kg









- Steplessly height adjustable mount made of high-grade, scratch-resistant aluminium
- Variable securing arms (360° swivel and 20° tilt) for universal use
- Optimum airflow around the projector ensured by spacers
- Ball joint for variable orientation
- Weight load up to 25 kg
- Available in the colours light grey (RAL 7035) and white (RAL 9016)

Standard delivery for all four models:

- Mount
- Fixing screws
- Mounting instructions
- Projector fastening bolts in sizes M3/M4/M5/M6

Black (RAL 9005) and silver (RAL 9006) are available upon request.

Special lengths are available upon request.

Projector mounts are TÜV/GS/CE safety tested.

Home

Fixed length of **15 cm**Low weight of just **1 kg**Code No. 22020
Code No. 22020-WHITE

Wiring discretely concealed inside wiring duct Length steplessly adjustable from **40 cm to 70 cm** Low weight of just **1.5 kg**

Code No. 22023

Code No. 22023-WHITE

Standard

Identical construction to Code No. 22023 Progressive variable length of **60 to 110 cm** Low weight of just **2 kg**

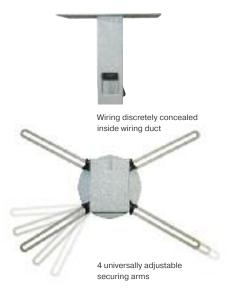
Code No. 22021

Code No. 22021-WHITE

Exclusiv

Can be mounted at angles up to 90°
Quick-action clamp for easy installation
Wiring discretely concealed inside wiring duct
Length steplessly adjustable from 67 cm to 110 cm
Low weight of just 3 kg
Code No. 22022

Code No. 22022-WHITE















PeTa Ceiling Lift Ultra Slim S - the slimmest scissors ceiling lift in the world



PeTa ceiling lift ultra slim S

With the extremely flat design, this ceiling lift will find space in any ceiling space. It still impresses with its running smoothness and precision. The setting is made using a limit switch and the lift has a maximum load of 20 kg. All RAL colours are possible, TÜV tested.

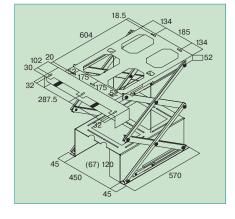
- Impact and scratch-proof powder
- Limit switch for top and bottom position
- With integrated, universal adjustable projector plate - no more drilling is necessary to fix the projector
- Double safety with scissors system and double wire cable guide
- Quiet operation
- Cable outlet

- With cable guide coils
- The motor is tested according to VDE, TÜV, ÖVE EMV, CE Our ceiling lifts are tested according to DIN 31000/A1:2007, DIN EN 60335-2-97:2007.

Accessories

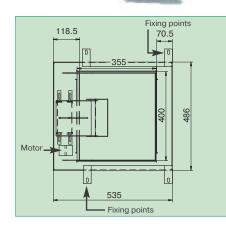
Remote control Code No. 22480

Ceiling recess panelling Code No. 22481



Ceiling lift ultra slim S	800 mm lift	1,200 mm lift
Upper frame dimensions	780 x 635 mm	780 x 635 mm
Ceiling lift cage W/H/D	450/570/70 mm	450/570/120 mm
Installation height	50 mm plus projector	170 mm plus projector
Voltage	230 v	230 v
Frequency	50 Hz	50 Hz
Output	160 w	160 w
Nominal operating time	4 min.	4 min.
Colour	white	white
Code No.	22471	22472

MEDIUM Folding Mirror System S – for suspended ceilings



The image is projected onto the screen using two high quality surface glass mirrors. A precision lift motor tilts the bottom mirror downwards with the ceiling plate. The upper and lower position can be steplessly adjusted. The projector can be moved to the right and left, backwards and forwards.

- This is an elegant installation solution the mechanical equipment cannot be seen when closed
- Perfect anti-theft protection is offered, because the projector cannot be seen when folded up
- No disturbing fan noises are produced by the projector, because it stays in the ceiling

Technical data

- Voltage: 120-230 v
- Frequency: 50/60 Hz
- Dimensions: 535 x 485 mm
- Installation height: min. 210 mm/max. 250 mm Code No. 22473

Accessories

Installation frame kit Code No. 22474

Ceiling recess cladding Code No. 22475

NEU

NEW



Oxford PAPERSHOWTM -

the writing pad as an interactive board

You can project hand-written notes in real-time as large as you want - anytime and anywhere with PAPERSHOW.

PAPERSHOW can be used as a digital flip chart or for interactive presentations. The simple system consists of a pen with integrated camera, special grid paper and a USB stick including software. You always have all presentation tools available at the right time. Pen colours, stroke widths and auto-shapes can be set at any time on the grid paper using the intuitively operated menu. With comments, highlights and sketches which can be immediately read by everyone, you can arrange your lessons vividly and vibrantly.

PAPERSHOW in use

- Small, light and extremely mobile
- No limited projection size ideal for large conference rooms and anywhere where boards or whiteboards are too smal
- Very easy to operate
- Real Plug-and-Play: ready for immediate use, no software installation necessary
- As a digital flip chart and interactive PowerPoint presentation - no need to make notes anymore



 Notes can be immediately saved in PDF format and sent by e-mail for more attention and more time for discussions and brainstorming.

 Lively, dynamic and rousing presentations and meetings

Oxford PAPERSHOW Starter-Box

With camera pen, USB stick, 1 special paper pad A4+, 30 single sheets of special paper Code No. 10777

Karsten Schillies, teacher, shares his experiences with PAPERSHOW during

"With direct projection, all of the pupils can follow the development process of contents. If necessary, I can pass on the digital paper and pen to the students so that their contributions can be viewed by everyone else without leaving their seats. This helps pupils overcome their inhibitions."

Accessories upon request.

Oxford PAPERSHOW™ for Teachers – the new and interactive alternative to blackboards and transparencies



Lively, interactive teaching means fun for everyone!

The new version PAPERSHOW for Teachers contains an additional, special toolbar.

You can fix the additional toolbar to your notebook and remove it again as required. You therefore have access to 72 further colours. With the interactive computer, you can perform and display live elementary calculations. You can also easily measure distances and angles.

Oxford PAPERSHOW for Teachers

Consisting of: 1x digital pen, 1 x USB stick with software, 1 x A4+ writing pad for paper and accessories Code No. 10790





Mobile interactivity in huge projection! **Entry panels** for lively meetings

With mobile pen entry panels, you can integrate the possibilities of interactive projections into your meetings and presentations - without limitations to the projection size. The panel is in front of you on the desk or lectern so you can talk directly to your listeners and do not have to turn to the projection surface.

Panels in use

- No restriction to the size of projection making it ideal for large rooms
- For use in several workplaces due to excellent mobility
- For integrating highlights, written notes and comments in graphics or presentations
- Save notes for further processing (copy, send & archive) directly on your transparencies as a PDF or Office document!
- More creativity and variety in meetings raise motivation
- Direct eye contact face your listeners when working with the panel



- The screens and software are very easy to operate
- No cost of ownership

"We wanted to take the aspects our lecturers were used to from the classic

overhead projectors - namely the possibility to directly write comments and notes on the transparency - and transfer them to the digital world."



Wacom PL-720

Interactive pen display and high-quality TFT monitor in one.

Technical data

- Dimensions: 17" diagonal
- Resolution: 1,280 x 1,024 pixel (SXGA)
- Brightness: 250 cd/m² Contrast: 500:1
- Interface: 2x USB 2.0
- VGA (RGB) input and output
- Steplessly adjustable tilt angle from 18° to 73°

- Entry: pressure sensitive, cable and pen without battery
- Supplied software: JustWrite Office for Windows®
- Compatible with applications under Windows® and Macintosh®
- Weight: 6 kg
- Warranty: 2 years
- Code No. 10328

New models

16" screen diagonal (PL 1600, Code No. 10319) 22" screen diagonal (PL 2200, Code No. 10320)



macom,



Hitachi T-17SXL

The full functionality of an interactive whiteboard thanks to extensive StarBoard software.

Technical data

- Dimensions: 17" diagonal
- Resolution: 1,280 x 1,024 pixel (SXGA)
- Brightness: 260 cd/m2
- Contrast: 450:1
- Interface: USB-1.1
- VGA input and output, audio input

- Steplessly adjustable tilt angle from 20° to 70°
- Entry: battery-operated wireless pen wireless pen
- Incl. extensive StarBoard software (compatible with Windows®)
- Integrated speakers
- Weight: 5 kg
- Warranty: 2 years Code No. 10325

Also available in 19" screen diagonal (T-19 WX), Code No. 10322





55" Focus Touch Display – become interactive with just one unit!

The highlights of the new generation:

- Optical dual touch technology
- Built-in speakers (2 x 10 watt)
- Extended connections (*HDMI)
 * This HDMI input is not suitable for all
 720p and 1080p computer signals.

The new generation of interactive teaching aids is called Focus Touch. You control the computer with just one unit: the touch display in the board format can be intuitively operated by finger or pen control and lets everyone see how simply your write, wipe and draw. Start Word or Excel with one click of your finger! The Focus Touch Display is ready-to-use immediately after installation of the infrared driver software – without the need for a projector and other equipment.

55" Focus Touch Display in use

- The sturdy components warranty a long service life (70,000 hours), and neither fingerprints, dirt or scratches impair the functions of this unit
- Extremely strong, reinforced safety glass (4 mm), for protection against vandalism
- Flexibility in the learning process is achieved through the use of different sources of information for more attention with visual and acoustic stimuli

- Enjoy interactive group work with full attention, quick reactions to changes and suggestions, easier preparations and careful storage of teaching contents
- This unit can be combined with the trusted Windows programs
- The brightness (500 cd/m²) is easy on the eye and there are no problems with glare or sunlight
- With the Focus software in the "look and feel" of Windows, you can write, draw and save in a jiffy. You can show films in HD quality and build up an extensive, individual library
- You can also use your own software because the Focus Touch system is fully independent of software
- Environmentally-friendly thanks to low energy consumption
- Projector is not necessary, meaning less costs for maintenance and spare lamps, no development of heat, no glare and no shadows
- There is no need for digital entry pens that can go missing or become worn
- The LCD screen does not have a hotspot
- Alignment of the image is not necessary (adjusting the projected image)
- No maintenance (because there are no moving parts)
- No problems with digital pens and batteries

Technical data

- Input method: infrared
- Resolution: Full HD/WUXGA
- Outer dimensions H/W/D: 81.8/132.9/15.0 cm
- Active area H/W: 68/120.9 cm
- Page ratio: 16:10
- Weight: 63 kg
- Warranty: 3 years
- Also available in 32", 42" and 65" screen diagonals

Delivery standard

- Stylus pen
- Focus Impact software
- Delivery without wall mount
- Optional: wall mount or mobile stand available, wall mounting is recommended

Code No. 10505



NEW: Dual touch technology

Panasonic UB-T880 teach and learn with all senses

The Panasonic UB-T880 offers all of the possibilities of an interactive whiteboard with additional multimedia equipment for particularly lively training sessions.

The integrated stereo speakers and numerous other features allow the simple integration of various media sources such as pictures, audio files, videos and Office documents.

Panasonic UB-T880 in use

- Simple operation with finger touch or pen by up to three persons
- Less reflection of light for easy reading of projected images
- Sturdy surface little scratches do not impair the functionality
- Multifunctional electronic pen
- Integrated stereo speakers
- Encourages an active, visually-supported teaching and learning style
- Simple and intuitive operation with individually adjustable toolbar
- Features include the magnifying glass, spotlight, screen shots, handwriting recognition, movie player, recorder, Wikipedia and Google search
- The RM Easiteach Next Generation software offers pre-configured application packages and toolbars for subjects such as languages, sciences, geography and maths

Technical data

- Entry method: ultrasonic receiver and infrared sensor
- 2 USB hub ports for connecting other equipment
- Interface: USB 2.0
- Stereo speaker: max. 4 w + 4 w
- Dimensions W/H/D: 165.7/132.2/12.2 cm
- Weight (board only): 36 kg
- Warranty: 1 year on-site warranty
- Also available in 86" size screen diagonals, Code No. 1880 (UB-T880W)

Delivery standard

- Electronic pen (incl. battery)
- Wall mount
- Power and USB cable
- Current software and user handbook

Code No. 1881

Notice: combination with digital projector necessary!



Versatile design options are possible with the new Easiteach™ Next Generation Software.





Panasonic ideas for life

Easiteach[™] Next Generation

- Board independent
- Extensive teaching and learning applications
- Writing exercises
- Voice function
- Media database
- Multi-language
- Sum exercises
- Templates, diagrams, teaching aids and lots more





Hitachi FX-TRIO-77S – write and click as if by magic

NEU NEW

An interactive whiteboard is a central module in the interactivity concept for teaching. With its wide range of uses, it can replace the blackboard and chalk, overhead projector, flip chart, whiteboard, video recorder and television.

Stimulation takes place:

- Visually
- Auditory
- And kinaesthetically

The Hitachi FX-TRIO-77S with the multi-touch surface offers a unique range of interactive options with operation using your finger, a pointer or pen. Working with both hands or writing with just one finger is intuitive and encourages pupils to join in.

Hitachi FX-TRIO 77S in use

- The multi-touch board with its magnetic surface can even be used dry as a wipeable whiteboard with permanent markers
- Sturdy surface without technical elements that can be impaired by scratches or dents
- Easy on the eye: low reflection surface
- Create a direct link to past lessons and save time with follow-up work: notes and additions are automatically saved, can be sent by e-mail and printed out
- Zoom or scroll by hand
- Three users can used the board at the same time and can therefore also work together as a team
- The visualizer from Hitachi can be integrated. The DCHD-5N can be directly connected to the whiteboard and controlled
- An exchangeable digitizer means that the whole board doesn't need to be returned for repair in case of a fault
- The unit allows the simple integration of various media sources such as pictures, audio files, videos, and Office documents
- A large number of backgrounds is provided (e.g. lined or millimetre paper, coordinates systems, geographic maps or note lines)
- The features include a magnifying glass, handwriting recognition, media player, Wikipedia and Google search
- Primary school range



Technical data

- Input method: infrared imaging
- Interface for computer: USB 1.1, 2.0
- Dimensions H/W/D: 141.3/176.8/7.5 cm
 Effective projection plots W/H: 157.3/118.9
- Effective projection plate W/H: 157.3/118 cm
- Weight (board only): 24 kg
- Warranty: 5 years, 24 hour exchange service
- Also available in 88" screen diagonal (Code No. 1088TRIOS)

Delivery standard

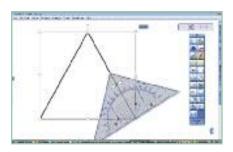
- Stylus pen (2 x)
- Pen holder
- Wall mount
- Current StarBoard software and use handbook

Code No. 1077TRIOS

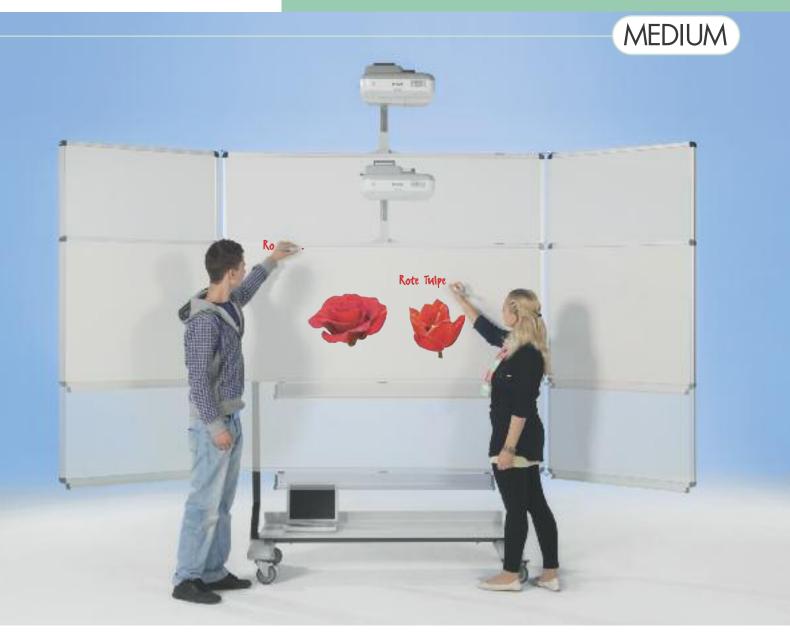
Notice: combination with digital projector necessary!



NEW: Multi-touch operation



Multifaceted design options for lively maths and geometry teaching.



A clever combination!

Board system for the interactive digital projectors from Epson

1) Height adjustable board system 4:3, without wings

- Spring balancer with centre area 170 x 120 cm for projections in a 4:3 format
- The white surface can be written on with whiteboard markers
- An integrated adapter mount for installation of the Epson support frames is included
- Also available as a mobile version
- Suitable for Epson EB-465i (excl.) Code No. 10426

2) Height adjustable board system 4:3, with wings

- Spring balancer with centre area 170 x 120 cm for projections in the 4:3 format
- 2 board wing systems on the right and left measuring approx. 80 x 120 cm
- The white surface can be written on with whiteboard markers
- An integrated adapter mount for installation of the Epson support frames is included
- Also available as a mobile version
- Suitable for Epson EB-465i (excl.)



3) Height adjustable board system 16:10, without wings

- Spring balancer with centre area 200 x 120 cm for projections in a 16:10 format
- The white surface can be written on with whiteboard markers
- An integrated adapter mount for installation of the Epson support frames is included
- Also available as a mobile version
- Suitable for Epson EB-455Wi (excl.) Code No. 10427

4) Carriage for board system

(PC shelf available as on option) Code No. 10428

Note!

Use the board-independent software Easiteach™ Next Generation with its extensive learning and teaching applications.



MEDIUM Board Mount columns -

for all uses

NEU NEW

In order to use interactive whiteboards effectively, mounting on one of our special mounts which integrates the ultra short distance projector in the system is recommended. A variety of products provides solutions for all spaces and organisational requirements – mobile or fixed, height adjustable or extended with wings.

- Height adjustment: comfortable work for small and large users
- Height adjustment also available as an option with wings – this arrangement matches the look of a standard school board
- The interactive whiteboard's stepless height adjustment offers even more space when lecturing
- Minimal application of force
- Modern design

Column systems are functioning board systems that have been used in installations for decades. They are usually used in specialist rooms.

Interactive whiteboards are frequently integrated in column systems in order to be able to adjust the height.

These systems are based on counterweights i.e. the weight of the board and projector are found as a metal weight in both columns.



Wall-mounted, 77"

 Stepless height adjustment for FX-TRIO -77 column guide with special mount to take the Hitachi models CP-A100, CP-A200, ED-A100, ED-A101 and ED-A110

Code No. 10660

Mobile, 77"

 Stepless height adjustment for FX-TRIO -77 "mobile", column guide with special mount to take the Hitachi models CP-A100, CP-A200, ED-A100, ED-A101 and ED-A110

Code No. 10667

Wall-mounted, 88"

 Stepless height adjustment for FX-TRIO 88 column guide with special mount to take the Hitachi models CP-AW100N, ED-AW100N and ED-AW110N

Code No. 10663

- Stepless height adjustment for FX-TRIO 88 column guide with special mount to take the Hitachi model CP-AW250NW
- Code No.: 10550
- 3) Stepless height adjustment for FX-TRIO 88 column guide with special mount to take the Epson models EB-440W and EB-450W

Code No. 10551

Mobile, 88"

 Stepless height adjustment for FX-TRIO 88, "mobile", column guide with special mount to take the Hitachi models CP-AW100N, ED-AW100N and ED-AW110N

Code No. 10668

- Stepless height adjustment for FX-TRIO 88, "mobile", column guide with special mount to take the Hitachi model CP-AW250NW
 Code No. 10553
- 3) Stepless height adjustment for FX-TRIO 88, "mobile", column guide with special mount to take the Epson models EB-440W and EB-450W

Code No. 10669



Note!

All these mounts are available in different designs. They can be ordered with differently coated wings in white, green (can be written on with chalk) or lined upon request.

Further boards and projectors are available on request.



50 cm

MEDIUM Board Mount Spring Balancer -

allows simple, combined use



Spring balancer systems are modular, sophisticated height adjustment systems. These systems are frequently used in combination with interactive board systems. A spring is preloaded so that it can bear the weight of the board and the projector. If the weight changes, such as due to using a new, lighter projector for example, the weight can be adjustment in minutes without dismantling.

- The height is adjustable (including during operation) or it can be used for a fixed installation
- Anti-tilt carriage with safety castors

The advantages:

- Compatible with all interactive boards from well-known manufacturers
- This system is intended for use with boards from 77" to 95'
- The modular constructions makes assembly much easier and allows an existing system to be retrofitted with a new height adjuster or carriage at a later date

The basic unit consists of the following components:

- 1. Spring balancer device
- 2. Fixing frame
- 3. Projector mount

This basic unit can be supplemented with wide wings and/or with a carriage, however you like!

Spring balancer device

Spring balancer for interactive board 77" without adapter for side wings Code No. 10389

Spring balancer for interactive board 77" to 95" with adapter for side wings (Note: Code No. 10390 also has to be used

for the Panasonic UB-T880 for side wings

without an adapter) Code No. 10390

Spring balancer for interactive board Panasonic UB-T880 with adapter

for side wings Code No. 10424

Fixing frame

For Hitachi FX-TRIO-77 Code No. 10429

For Hitachi FX-TRIO-88 Code No. 10431

For Panasonic UB-T880 Code No. 10393

Projector mount

For Hitachi CP-A100/CP-A200/ ED-A100/ED-A101/ED-A110 Code No. 10403

For Hitachi CP-AW250NM/ CP-A300NM/ED-A220NM

Code No. 10420

For SANYO PDG-DXL2000/ PDG-DWL2500

Code No. 10421

For Epson EB-440W/EB-450W

Code No. 10422

For Epson EB-460 Code No. 10423

White side wings

For Hitachi FX-TRIO-77 Code No. 10430

For Hitachi FX-TRIO-88 Code No. 10432

For Panasonic UB-T880 Code No. 10408

Accessories

Carriage

for spring balancer system Code No. 10418

for a PC or laptop Code No. 10419

Note! All these mounts are available in different designs. They can be ordered with differently coated wings in white, green (can be written on with chalk) or in different lined versions upon request.

Seeing is believing – the visualizers are for everything

the visualizers are for everything that doesn't fit in your computer

Because they can be used so simply, practically and spontaneously, visualizers are the perfect addition to the interactive basic equipment of a projector, laptop and interactive whiteboard. All lessons can be directly digitalised.



- Visualizers create large projections of small details thanks to the zoom function
- Experiments and microscope images can be seen by all pupils without them leaving their seats
- Simple installation and small space requirement
- Presented images can be easily saved and printed out or sent by e-mail while experiments can be directly recorded as a video
- OHP transparencies can be shown using the special light plate for slides or negatives
- It is possible to use visualisers without a PC
- Anti-theft protection with the Kensington lock

ELMO L-1ex -

the versatile alternative to an OHP

- This is only possible with the ELMO L-1ex: resolution up to SXGA possible with moving images (30 images/sec.)
- Robust design, sturdy housing
- Simpe operation no PC necessary
- SD/SDHC card slot for saving the work results etc.
- Automatic brightness control for all lighting conditions

Technical data

- Image sensor: 1/3" CMOS image sensor
- Number of pixels: 1.39 mega pixels
- Recording speed: max. 417 x 331 mm min. 92 x 74 mm
- Zoom: 5.2x optical,
 8x digital zoom with auto-focus
- Image frequency: 30 images/sec.
 Code No. 1047

Accessories upon request.



ELMO P30S – the professional presentation solution in the highest premium quality

- This unit has an integrated 3.5" LCD preview monitor for relaxed presentations
- An integrated light module provides the perfect lighting
- SD memory card slot for savings images to an SD card
- Steplessly mobile, retractable camera arm
- This package includes the "Image Mate" software for graphic applications

Technical data

- Image sensor: 1/3" CMOS image sensor
- Number of pixels: 1.35 mega pixels
- Recording area: max. 405 x 324 mm min. 30 x 24 mm
- Zoom: 16x optical and 8x digital zoom with auto-focus
- Image frequency: 30 images/sec.
 Code No. 1045

Accessories upon request.







AVerVision VP-1 very light and interactive

Portable Visualizer

The ultra compact and very light interactive camera makes presentations even easier than ever.

Technical data

- Image sensor: 1/4" CMOS image sensor
- Number of pixels: 2.0 mega pixels
- Recording speed: max. 255 x 340 mm
- Zoom: 8x digital zoom with auto-focus
- Image frequency: 15 images/sec.

Code No. 1029



AVerVision CP155 – present the smallest in XXL

This portable visualizer has a flexible camera arm (gooseneck) for presenting 3D objects or documents using a projector, monitor or television in XXL.

Note

This is the same construction as the AVerVision CP135, but with auto-focus and a DVI-I output.

Technical data

- Image sensor: 1/2" CMOS image sensor
- Number of pixels: 3.2 mega pixels
- Recording speed: max. 330 x 248 mm
- Zoom: 16x digital zoom with auto-focus
- Image frequency: 24 images/sec.

Code No. 1049



AVerVision V355AF top performance in the compact class

Portable Visualizer

The V355AF is a portable camera with auto-focus function which has a high display speed and an extraordinarily high resolution.

Technical data

- Image sensor: 1/2.5" CMOS image sensor
- Number of pixels: 5.0 mega pixels
- Recording speed: max. 400 x 300 mm
- Zoom: 80x digital zoom with auto-focus
- Image frequency: 24 images/sec.

Code No. 1051



AVerVision SPB350+ creative presentations of the future

Platform Visualizer

The SPB350+ can be seamlessly integrated with all other presentation equipment used for teaching, such as projectors, interactive whiteboards, video conferencing systems or LCD screens and therefore becomes an essential part of the complete presentation solutions for classrooms and lecture halls.

Technical data

- Image sensor: 1/2.5" CMOS image sensor
- Number of pixels: 5.0 mega pixels
- Recording speed: max. 300 x 225 mm
- Zoom: 160x digital zoom with auto-focus
- Image frequency: 30 images/sec.

Code No. 1056

Accessories for all models on request.



Samsung SDP-860 – the perfect addition to presentations or for modern teaching methods in schools

- The available documents do not have to be scanned and entered into PowerPoint, for example
- The products can be directly shown from all sides
- Sharp, bright images with high colour fidelity
- Sturdy quality and a solid finish
- Kensington Security Slot for anti-theft protection

Technical data

- Image sensor: 1/3" CMOS image sensor
- Number of pixels: 1.3 mega pixels
- Recording speed: max. 420 x 336 mm
- 6x optical and 8x digital zoom with auto-focus
- Image frequency: 30 images/sec.

Code No.: 10214



Samsung UF-80DX – elegant and user friendly

- This unit can be used in many applications, to present documents or objects, and is suitable for incorporation in video conferencing systems
- Use this unit for uncomplicated operation, making presentations without a PC possible
- The functions can be conveniently controlled using an integrated user interface
- 3D objects perfectly presented
- Enjoy flexible aligment to the lighting conditions with additional lighting built into the camera arm or with the light box available as an option

- The USB interface allows you to connect a PC or notebook
- Extensive software: record images and videos in a jiffy, process them and sent them by e-mail

Technical data

- Image sensor: 1/3" CCD
- Number of pixels: 850,000 pixels
- Recording speed: max. 298 x 221 mm min. 21,7 x 16,4 mm
- 14x optical and 3x digital zoom with auto-focus
- Image frequency: 20 images/sec.

Code No. 10210



Samsung UF-130DX – document camera and presentation PC in one

- Visualizer with high resolution
 HD video camera
- Full value presentation PC with Windows CE
- Microsoft Office Viewer for PowerPoint, Word and Excel
- Web browser and network connection
- Card reader and USB interface
- Dual monitor operation: parallel PC and camera image

Technical data

- Image sensor: 1/3" CCD
- Number of pixels: 1.3 mega pixels
- Recording speed: max. 298 x 221 mm min. 21,7 x 16,4 mm
- 14x optical and 3x digital zoom with auto-focus
- Image frequency: 30 images/sec.

Code No. 10213



More Samsung visualizers are available on request. Accessories for all models on request.



MEDIUM mobile OHPs - small, light super bright and flexible use at any time

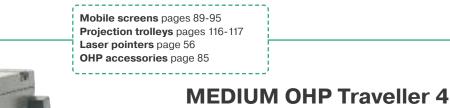


MEDIUM OHP Traveller ECO

- Starter model with a good price/performance ratio
- The double arm design guarantees many years of good image quality
- 3 lens vario-focal objective
- Light output: 2,700 ANSI lumens
- Lamp: 2x 24 v /250 w (EHJ)
- Weight incl, soft case: 10.5 kg

Code No. 106046

Image sizes chart					
Focal length f = 280–320 mm					
Projection distance	Image size				
1.00 m	1.20 x 1.20 m				
1.50 m	1.35 x 1.35 m				
1.80 m	1.65 x 1.65 m				
2.00 m	1.70 x 1.70 m				
2 20 m	2 00 x 2 00 m				



MEDIUM OHP Traveller 4 in a soft case

- Supplied with high quality 3 lens uni-focal optic 300 mm
- Anti-glare fresnel lens
- Light output: 3,000 ANSI lumens
- Lamp: 2x 24 v /250 w (EHJ)
- Weight incl. soft bag: 7.5 kg

Code No. 106050

MEDIUM Traveller 4 in a hard case

Code No. 106050K

Image sizes chart Focal length f = 300 mm	
Projection distance	Image size approx.
1.60 m	1.20 x 1.20 m
2.00 m	1.55 x 1.55 m
2.40 m	1.95 x 1.95 m





Accessory

MEDIUM hard case

Top designed safety hard case Code No. 1148

MEDIUM

EXKLUSIV

MEDIUM business OHPs -

the latest high performance technology

MEDIUM OHP futur 5 – work ergonomically!

- Excellent image sharpness maintained throughout long-term usage because of the dual projection arm design (only one axis as opposed to conventional multi-axis designs)
- An extremely powerful light output with 5,000 ANSI lumens
- Optimum ease of operation with quick lamp changer, extra power socket and transparencies clip
- Lectern top design makes transparencies as easy to label and read as if they were lying on a conventional lectern
- Easy to carry using integrated handle
- Carry case with rollers (optional)

MEDIUM OHP futur 5

- Projection plate W/D: 28.5/28.5 cm
- Lens: vario focal, 300 340 mm
- Quick lamp changer
- Lamps: 2 x 36 v/400 w low voltage (EVD)
- Light output: 5,000 ANSI lumens
- H/W/D (ready for transport): 75 (26)/34/46 (62) cm
- Weight: 13.5 kg
 Code No. 108036

Accessory

MEDIUM hard case

made of durable polyester fabric for OHP futur 5 Code No. 1143





Mobile screens pages 89-95 Projection trolleys pages 116-117 Laser pointers page 56 OHP accessories page 85

MEDIUM OHP 3024/3036

Sophisticated technology with high safety standards

- Patented safety projection head with comfortable picture adjustment
- No risk of burning even with the lens shut-down
- Manual sharpness correction when projecting upwards
- Fold-down arm space-saving storage and transport
- Quick lamp changer
- Lamp-saver switch
- Ergonomic operation from the top
- Casing can be locked with a key
- Extremely quiet < 30 dB (A)
- Connection for anti-theft protection

MEDIUM OHP 3036

- Projection plate W/D: 28.5/28.5 cm
- Lens: vario focal, f = 275-320 mm
- Lamp: 2x 36 v/400 w (EVD))
- Light output: 5,400 ANSI lumens
- H/W/D (ready for transport): 32/38.5/50 cm
- Weight: 10.5 kgCode No. 103036

MEDIUM OHP 3024

- Projection plate W/D: 28.5/28.5 cm
- Lens: vario focal, f = 275-320 mm
- Lamp: 2x 24 v /250 w (EHJ)
- Light output: 3,500 ANSI lumens
- Weight: 9.5 kgCode No. 103024



Fold-down arm for space-saving storage and easy transport





MEDIUM OHP 536/524 -

sturdy, high performance, affordable and good





MEDIUM OHP 536/524

- Product optimisation: simple, secure locking of the projection column ensures constant, optimal image quality
- Excludes the possibility of inadvertent
- Good price/performance ratio
- Sturdy metal housing
- Quick lamp changer
- Lamp-saver switch
- Fold down arm
- Quick-action lock



Safe column lock - click + lock

MEDIUM OHP 536

- Projection plate W/D: 28.5/28.5 cm
- Lens: 3 lens, f = 315 mm
- Lamp: 2x 36 v/400 w (EVD)
- Light output: 5,200 ANSI lumens
- H/W/D (ready for transport): 57 (27)/42/35 (47) cm
- Weight: 14 kg Code No. 100536

MEDIUM OHP 524

- Projection plate W/D: 28.5/28.5 cm
- Lens: 3 lens, f = 315 mm
- Lamp: 2x 24 v /250 w (EHJ)
- Light output: 2,400 ANSI lumens
- Weight: 13.5 kg Code No. 100524

Image sizes chart for model 536/524 Focal length f = 315 mm Projection distance Image size 1.50 m 1.14 x 1.14 m 2.00 m 1.62 x 1.62 m 2.50 m 2.08 x 2.08 m 3.00 m 2.56 x 2.56 m

Accessories

MEDIUM roller transparency equipment

(not illustrated) Available optionally as a cassette Code No. 1106-A

as a mount Code No. 1104



MEDIUM projection trolley PT5 is available as an accessory - see page 116.

OHP Accessories

MEDIUM Presentation Transparencies – universal use for copiers and printers

MEDIUM standard copy transparencies

- Standard laser transparencies with two-sided coating for almost all dry B&W toner units without optical recognition
- For almost all B&W copiers (also suitable for B/W laser printer)
- For single and stacked copying
- Clear, 100 my, 100 sheets
 Code No. 12600

Other transparency types on request.



MEDIUM write-on rolls

- Highly transparent, tear-resistant polypropylene film for use with OHP markers
- Films for universal use with the applicable technologies
- Avoid the equipment problems that can be caused by using the wrong type of film

Product name	Code No.	PU
260/20 m write-on rolls	1726020	10 pcs
285/30 m write-on rolls	1728530	10 pcs
297/20 m write-on rolls	1729720	10 pcs
297/30 m write-on rolls	1729730	10 pcs

Other dimensions on request.



MEDIUM OHP lamps				
Volt/watt	Suitable for	ANSI code	Code No.	PU
24 v/250 w/50 hours	OHP 524/526/3024/			
	Traveller 4/Traveller Eco	EHJ	1132	5 pcs
24 v/250 w/300 hours	OHP 524/526/3024/			
	Traveller 4/Traveller Eco	EVC	1132-3	1 pc
36 v/400 w/50 hours	OHP 536/538/3036/			
	futur 5/futur 5-KC	EVD	1133	1 pc
36 v/400 w/300 hours	OHP 536/538/3036/			
	futur 5/futur 5-KC	HLX	1133-3	1 pc
Other lamp types on requ	est.			



MEDIUM transparent archiving pouch

- Ideal for archiving your
 OHP transparencies and other documents
- The pouch does not stick to the transparency
- Opens easily on both sides
- Highly transparent
- Universal punch holes for quick and easy filing
- Made of environmentally compatible polypropylene
- 100 pcs
 Code No. 1601



MEDIUM dust protection cover

Protects the housing and projection plate of your OHP units against deposits of dirt and dust.

Code No. 1120

MEDIUM transparencies (not shown)

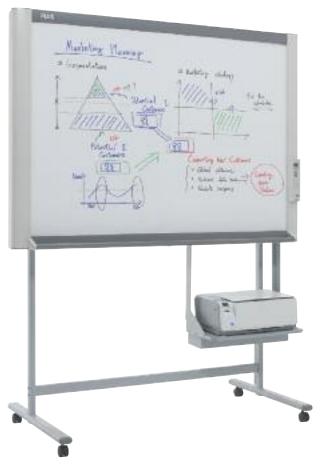
- Highly transparent
- For writing on with OHP markers
- A4 size
- Pack of 100 sheets
- Approximately 0.10 mm (polypropylene)

Code No. 141002-PP





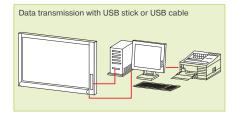
PLUS Colour Copyboards - bring colour to your prints



- Ideal for conferences, meetings and brainstorming sessions
- For direct storage of data on a **USB stick** (without using a PC)
- Direct connection to a PC using a USB cable as an alternative
- The subsequent processing of notes is possible on a PC
- Easy operation
- The M-125 model can also be used for projection applications

Copyboard M-12 series - new version

- A specific company header and footnote with date and time is possible on the printout
- The delete memory drives the reverse side forward when switching off
- Considerably less electricity consumption
- Cable management with integrated cable guide
- PDF file format



Technical data	M-12S	M-12W	M-125	CR-5		
Wall-mounting installation or roller rack (accessory)	yes	yes	yes	yes		
Paper type (A4 format)	normal paper	normal paper	normal paper	normal paper		
Printout	colour	colour	colour	colour		
Size of copyable area W/H	128/90 cm	178/90 cm	128/90 cm	60/99 cm		
Number of writing areas	2	2	4 + 1 projection surface	2		
Integrated print	depends on printer	depends on printer	depends on printer	depends on printer		
Overall size with stand W/H/D	147/197/70 cm	197/197/70 cm	147/197/70 cm	117.5/170/65* cm		
Overall size of wall-mounting W/H/D	147/103/22 cm	197/103/22 cm	147/103/22 cm	117.5/71/15 cm		
Weight incl. stand	41 kg	45 kg	45 kg	25 kg		
Print resolution	300 dpi	300 dpi	300 dpi	300 dpi		
Control (input/output)	USB 1.1/2.0	USB 1.1/2.0	USB 1.1/2.0	USB 1.1/2.0		
File format (issue)	PNG, JPEG, PDF	PNG, JPEG, PDF	PNG, JPEG, PDF	PNG, JPEG, PDF		
Supported operating system	Microsoft Windows 2000 Pr	ofessional/ Windows XP/ Windo	ws Vista			
Delivery standard	Pens (black, red, blue, gree	n), rubber, power pack, USB ca	able (3 m), operating instruction	ns, CD-ROM,		
	PLUS-TOOLBOX-Software,	PLUS-TOOLBOX-Software, shelf for printer, wall bracket				
Warranty	2 years	2 years	2 years	2 years		
Code No.	10948	10949	10950	10947		

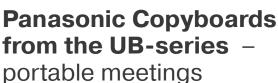
*for horizontal assembly

PLUS accessories

Stand (mobile and height adjustable) for copyboard M-12 series Code No. 10937

Stand (mobile and height adjustable) for copyboard CR-5 Code No. 10930

SD-card, 1 GB Code No. 10156



UB-5338C/ UB-5838C

- Colour scan system
- Safe operation using a password
- Precise reproduction of felt-pen markings
- Direct printing using a colour printer
- Save data without a PC
- Save on a SD memory card or USB-flash memory
- The direct connection to a PC is possible
- Easy-to-read 1.8" sized colour LCD
- Flexible installation
- Flat and light



Copyboard UB-series - new version

 Precision scanning of text passages that are difficult to read.
 Passages of text that are produced with a felt-tip pen are clearly reproduced Operation with the password function helps prevent data theft. Data cannot be saved without entering the password after starting up the board and allocating a four-digit password

Technical data	UB-5325	UB-5825	UB-7325	UB-5338C	UB-5838C	
Wall-mounting installation or	no	no	no	yes	yes	
roller rack (accessory)						
Paper type (A4 format)	normal paper	normal paper	normal paper	normal paper	normal paper	
Printout	B/W	B/W	B/W	colour or B/W	colour or B/W	
Size of copyable area W/H	140/90 cm	133/85 cm	176/90 cm	137.8/83.8 cm	174/83.8 cm	
Number of writing areas	2	2	3 + 1 projection area	2	2	
Integrated print	yes	yes	yes	no	no	
Overall size with stand W/H/D	155/200/110 cm	191/200/110 cm	165/188/110 cm	183/163.6/120.7 cm	183/199.8/120.7 cm	
Overall size of wall-mounting W/H/D	155/139.6/23 cm	191/139.6/23 cm	165/140/24 cm	112.5/163.6/22.4 cm	112.5/190.8/22.4	
Weight incl. stand	36 kg	38.5 kg	39 kg without stand	26 kg	28 kg	
Print resolution	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi	
Control (input/output)	USB 1.1	USB 1.1	USB 1.1	USB 2.0	USB 2.0	
File format (issue)	PDF, JPEG	PDF, JPEG	PDF, JPEG	PDF, JPEG	PDF, JPEG	
Supported operating system	Microsoft Windows 200	0 Professional/ Window	s XP/ Windows Vista			
Delivery standard	USB cable (2.5 m), felt-tip pens (black, red and blue), rubber, battery for clock, wall mount					
Warranty	1 year	1 year	1 year	1 year	1 year	
Code No.	10994	10995	10979	10903	10904	

Panasonic accessories

Stand for UB-5338C/UB-5838C

Code No. 100092-2

Stand for UB-5325/ UB-5825/UB-7325

Mobile, fixed rolls

2 level height adjustment

Code No. 100092-1

Wall mount for UB-5325/ **UB-5825/UB-7325** Code No. 100094-6

Print film for UB-5325/UB-5825/ UB-7325

2 films for each 140 pages of A4 Code No. 10978

SD-card, 1 GB Code No. 10156

USB stick, 1 GB Code No. 10944

Accessories for all boards

MEDIUM whiteboard markers

Set with 10 whiteboard markers

Dry wipe

Black, red, blue, green Code No. 1838-11

MEDIUM board wiper

With replaceable felt Code No. 1839-5

MEDIUM felt strips, 10 units

Self-adhesive, non-permanent

For board wipersCode No. 1839-6

MEDIUM cleaning spray, approx. 100 ml

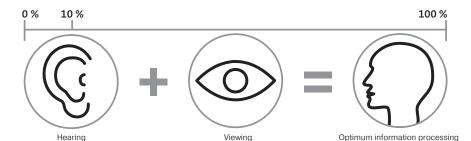
Code No. 1839-70

MEDIUM thermal paper roll

Only for thermal paper copyboards W/L approx. 210 mm / 30 m Inner diameter of core: 1" PU: 6 units

Code No. 1154

Find the appropriate screen for optimal presentation results



The following criteria are relevant for achieving a satisfactory projection:

- The type of screen
- The screen size
- The aspect ratio
- The screen surface
- The projector

The type of screen

Before you decide to purchase a screen, you need to know whether it will be permanently installed in a room or whether it needs to be used in different locations. The wide MEDIUM screen range provides an appropriate screen for any presentation requirement. Thanks to excellent flat surfaces and reflection properties MEDIUM screens produce perfectly projected images.

The screen size

Generally, the rule of thumb is:

- The minimum distance from screen: 1.5 times the width of the screen
- Maximum distance for the audience: 6 times the width of the screen
- For a seated audience the lowest part of the screen should be 90-120 cm from the floor

The aspect ratio

Each projection method has its own particular ratio of width to height. The most common ratios are:

Projection format	W : H
Overhead projection	1:1
Digital video projection	4:3
Wide-screen projection (HDTV)	16:9
Wide-screen monitor	16:10

The screen surface

The reflective characteristics of a screen surface are defined as the gain factor (brightness gain):

• The higher the gain factor, the more restricted but brighter the viewing angle Different coatings of the screen surface bring about different reflective properties (brightness gain).

Type D screen surfaces

(d = diffus)

- Have a matt white surface
- Reflect the light in all directional axes (horizontal + vertical) with even distribution
- Facilitate good viewing conditions up to 45° r/l of the projection axis and an admissable viewing angle up to 55° - 60°
- Have a measured brightness gain factor of 1.0 - 1.2 (according to DIN 19045)

Type S screen surfaces

(s = specular)

- Reflect the light along the projection axis twice as brightly as type D
- Have a mother-of-pearl tint
- Facilitate very good/very bright viewing conditions up to 30° - 35° r/l of the projection axis
- Have a measured brightness gain factor of 1.7 - 2.4 (according to DIN 19045)

The projector

Typ D screens are particularly suited to high brightness projectors (as of 2,500 - approx. 3,000 ANSI lumens) in rooms that can be partially darkened. The projection surface should not exceed approx. 5 m².

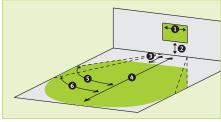
Example: W 240 x H 180 cm, format 4:3.

Typ S screens achieve better results when less bright projectors are used, in environments with a high degree of ambient light.

The same applies to the necessary projection surface sizes beyond the "limits of seminar rooms".

Example: W 400 x H 300 cm, format 4:3.

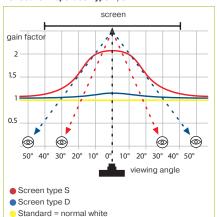
- All MEDIUM screens are CE certified
- Please contact your local MEDIUM partner to specify your projection requirements and receive possible
- Many MEDIUM screen types can be tailored to specific customer needs



The Screen Size

- 1 Width of screen
- 2 Recommended height for lower edge of the screen, 90-120 cm
- 3 Minimum distance: 1.5 times the projection width
- 4 Maximum distance: 6 times the projection width
- 5 Viewing angle of 45° 50°
- 6 Viewing angle of 30° 40°

Reflective Properties Type D/S



Checklist for your preliminary selection							
Projection	Туре	Туре	Roll-	Tripod	Folding	Mobile	Table
conditions	D	S	screen	screen	screen	screen	screen
Stationary use	•					-	-
Portable use	•		_	•		•	•
Brighter or							
undarkened room/							
weak-light projector	-			•	_	•	
Audience seated at centre	-			•	-	•	•
Darkened room/							
Strong light projecto	•	-		•		•	•
The audience widely scatte	ered		_	•		•	- •
recommended – not well	-suited	t					



MEDIUM Frame Budget – provides the right framework

- Sleek, inwardly bevelled aluminium frame in black (approx. 8 cm wide / 4 cm deep)
- Easy assembly of the frame (snap-on system)
- Suitable for wall mounting only
- Projection surface is fixed on the back and sides with tension poles and hooks.
 This allows simple and perfect tension for the surface
- Ensures a permanently flat screen surface for excellent images

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, foil base
- Back: white



MEDIUM Frame Budget				
Image sizes	External dimensions	Diagonal	Weight	Code No.
W/H	W/H	cm/inch	net kg	
Video format 4:3				
120/90 cm	136/106 cm	150/59	7.9	15412
140/105 cm	156/121 cm	175/69	8.5	15414
160/120 cm	176/136 cm	200/79	9.0	15416
200/150 cm	216/166 cm	250/98	9.5	15420
240/180 cm	256/196 cm	300/118	10.1	15424
Cinema format 16:9				
160/90 cm	176/106 cm	184/72	8.0	15516
180/102 cm	196/118 cm	207/82	8.5	15518
200/113 cm	216/129 cm	230/91	9.0	15520
240/135 cm	256/151 cm	275/108	9.7	15524
300/169 cm	316/185 cm	344/135	10.8	15530



Back view: projection surface tensioned with spring clamps



Front view: inwardly bevelled aluminium frame



MW Frame Professional – home cinema and professional presentations for an exclusive framework

- Sleek, high-grade aluminium frame (approx. 5 cm wide / 3 cm deep) in black
- Easy assembly of the frame (snap-on system)
- Optimised for wall-mounting
- The matt black frame makes images appear richer in terms of contrast and image clarity
- Snap fasteners on the back hold the projection surface to the frame
- Ensures a permanently flat screen surface for excellent images
- Available up to a maximum size (image size) of 600 cm width and 450 cm height

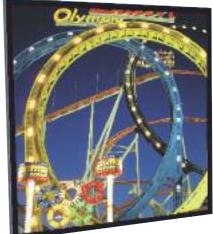
New: MW mobile frame with pedestal available upon request

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, foil base
- Back: grey, virtually opaque

Screen surface type S rear-projection and 3D upon request.

16:10 format upon request.



MW Frame Professional				
Image sizes	External dimensions	Diagonal	Weight	Code No.
W/H	W/H	cm/inch	net kg	
Video format 4:3				
160/120 cm	170/130 cm	200/79	10.1	13570
180/135 cm	190/145 cm	225/89	11.4	13571
200/150 cm	210/160 cm	250/98	12.7	13572
240/180 cm	250/190 cm	300/118	15.3	13573
300/225 cm	310/235 cm	375/148	19.4	13574
360/270 cm	370/280 cm	450/177	24.0	13575
400/300 cm	410/310 cm	500/197	27.3	13576
Cinema format 16:9				
200/112.5 cm	210/122.5 cm	230/91	11.2	13578
240/135 cm	250/145 cm	275/108	13.4	13579
300/169 cm	310/179 cm	344/135	17.0	13580
Other formats available up	oon request			



Projection surface fastened with snap fasteners



Easy assembly thanks to snap-on system







MEDIUM Table Screen – mobile and lightweight



Compact and safe when folded up, opened at the push of a button

- The ideal screen for mobile presentations
- A true lightweight and ready to use in no time at all: simply pull the screen open, extend the legs and you're ready to go
- Scissor mechanism ensures optimal screen uniformity with the active, taut projection screen
- Screen casing provides protection from dust and dirt
- Casing: black

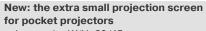
Screen surface

- Front projection, type D on high-quality woven base
- DIN 19045 gain factor, approx. 1.7 ideal for short throw projectors
- Black border at top and bottom Code No. 184032: 2 cm Code No. 184030: 1.5 cm
- Back: black, opaque



Spring mechanism at the back

Secure positioning thanks to 4 folding feet



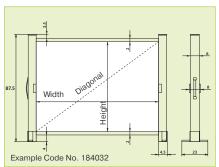
- Image size W/H: 60/45 cm
- Including carry bag supplied delivery as standard

MEDIUM Table Screen							
Diagonal	Weight	Code No.					
cm/inch	net kg						
75/30	1.0	184030					
131/52	2.0	184032					
	Diagonal cm/inch 75/30	Diagonal Weight cm/inch net kg 75/30 1.0					



Example of detailed photos Code No. 184032





Accessory for Code No. 184032



MEDIUM shoulder bag

Black nylon bag with long shoulder straps for comfortable and safe transportation Code No. 18400-04





Available in two formats: 4:3 and 16:9

MW EasyFixx Comfort – the ideal solution for mobile use

- Revolutionary development in the area of mobile screens
- Unrivalled light weight: max. approx. 4 kg
- Ultra-portable: compact dimensions and easy set-up in no time thanks to an easy assembly system
- Perfect screen surface flatness thanks to the special tensioning mechanism
- Space-saving set-up, transport and storage
- Sturdy steel stand, oval, infinitely height adjustable
- 4-point base for the smallest installation area and good stability
- Black border reinforcement for clean edges, the image appears clearer in terms of contrast

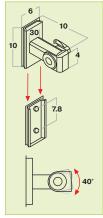
Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, foil base
- 5 cm black border
- Back: grey, virtually opaque

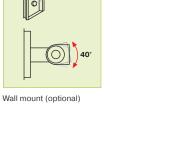
Screen surface type S on request.

Accessory

MW wall mount Code No. 13309



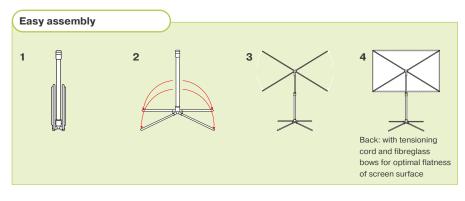
universal joint

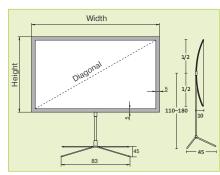


MW EasyFixx Comfort			
Outer dimensions*	Diagonal	Weight	Code No.
W/H	cm/inch	net kg	
Video format 4:3			
1180/135 cm	211/83	6.0	13301
200/150 cm	236/93	6.7	13302
240/180 cm	286/113	7.2	
Cinema format 16:9			
180/101 cm	193/76	5.4	13306
200/113 cm	212/83	5.8	13307
240/135 cm	262/103	6.3	13308
* incl. surrounding 5 cm black border			



Sturdy black nylon transport bag included in delivery







MW CombiFlex Pro for high demands on quality

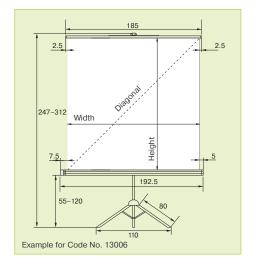


- For universal use
- Sturdy square steel stand
- Infinitely height adjustable screen
- Fold-out mounting bracket for tilting the projection surface, approx. 10° (for keystone correction)
- Tensioning stud mechanism for optimum flatness
- Carry handle for easy transport
- Octagonal sheet steel casing
- Casing colour: white aluminium, **RAL 9006**
- Robust tripod stand

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, foil base

MW CombiFlex Pro			
External dimensions	Diagonal	Weight	Code No.
W/H	cm/inch	net kg	
150/150 cm	212/84	9.5	13005
180/180 cm	255/100	10.7	13006
200/200 cm	283/111	14.5	13007





MEDIUM CombiFlex Budget – functional basic

model at a feel-good price

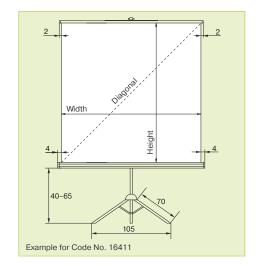


- Oval tube steel stand
- Infinitely height adjustable screen
- Carry handle for easy transport
- Octagonal sheet steel casing
- Casing colour: white
- Robust tripod stand

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, woven fabric base
- Back: virtually opaque

MEDIUM CombiFlex Budget						
External dimensions	Diagonal	Weight	Code No.			
W/H	cm/inch	net kg				
150/150 cm	212/84	11.0	16410			
180/180 cm	255/100	13.0	16411			
200/200 cm	283/111	15.0	16412			





Accessory

MEDIUM transport bag

For both MW CombiFlex Pro and MEDIUM CombiFlex Budget

- Made of robust nylon fabric
- Colour: black

For sizes approx. H/W	Code No.
150/150 cm	13026
180/180 cm	13027
200/200 cm	13030





MW CombiFlex Mobile – steadier and more mobile than any tripod screen

- Extremely steady thanks to the circular tube steel foot
- Mobile on five caster rollers, all lockable
- Screen swivels easily by 360°
- Small stand area (Ø 63 cm)
- Simple room change possible with mobile base, optimum for schools and hotels
- Sturdy square steel stand
- Infinitely height adjustable screen
- Fold-out mounting bracket for tilting the screen by approx. 10° (for keystone correction)
- Octagonal sheet steel casing
- Casing colour: silver-grey, RAL 9006

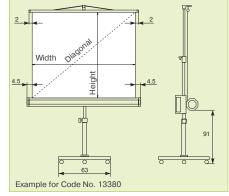
- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, foil base



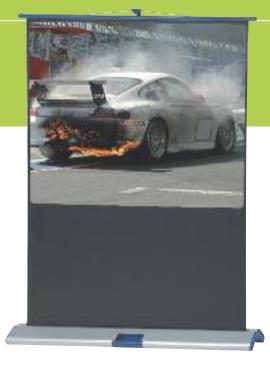


Height adjustment

MW CombiFlex Mobil			
External dimensions	Diagonal	Weight	Code No.
W/H	cm/inch	net kg	
150/150 cm	212/84	10.8	13380
180/180 cm	255/100	14.4	13381
200/200 cm	283/111	16.2	13382







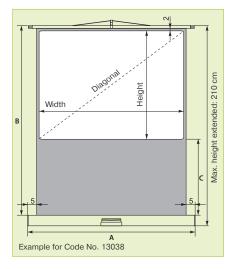
MW MovieLux Compact - mobile home cinema



stepless height adjustment

- Perfect flatness of screen surface
- Stepless surface infinitely height adjustable
- Black border for clean edges, the image appears clearer in terms of contrast
- Mounting bracket for tilting the projection surface (for keystone correction)
- Carry handle at front
- No loss of space thanks to the tripod base
- Space-saving storage
- Retaining fixture for the telescopic tripod safely located under the screen casing
- Casing colour: white aluminium, RAL 9006 (for Code No. 130390 housing: black)

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, foil base
- 2 cm black border
- Back: black, virtually opaque
- Code No. 130390: high quality projection surface on fibreglass base, type D

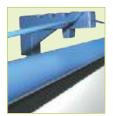




Modern, stylish design



Back: simply insert the tripod pole



Mounting bracket for tilting the projection surface

MW MovieLux Compac	MW MovieLux Compact					
Image sizes	Α	В	С	Diagonal	Weight	Code No.
W/H	cm	cm	cm	cm/inch	net kg	
Video format 4:3						
120/90 cm	134	143	51	150/59	8.5	13035
160/120 cm	174	172	50	200/79	11.0	13036
180/135 cm	194	200	63	225/89	12,0	13038
194/146 cm	214	200	54	243/96	16.0	130390
Overhead format 1:1						
160/160 cm	174	193	31	226/89	11.0	13037



MW MovieLux Mobile – ready-to-use anytime and anywhere, set-up in a jiffy

- Quick and easy set-up: just pull the projection screen out of the case with the two handles
- Perfect flatness of the screen surface thanks to scissor action
- Black border for clean edges, the image appears clearer in terms of contrast
- The screen is integrated into a solid, well-designed case
- The sturdy aluminium storage case protects the screen against dust and damages; including during transport
- Space-saving storage
- Four wheels and two carry handles allow easy transport
- Casing colour: black, RAL 9005

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, woven fabric base
- 2 cm black border
- Back: black, opaque

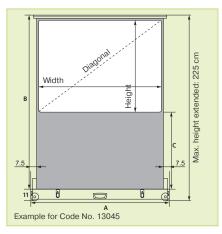




Back with scissor-action, stepless height adjustment

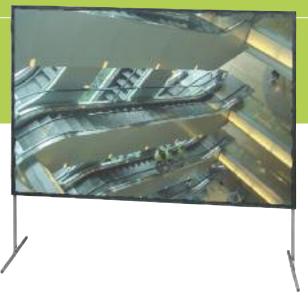


Wheels and carry handle for easy transportation



MW MovieLux Mobile	•					
Image sizes	Α	В	С	Diagonal	Weight	Code No.
W/H	cm			cm/inch	net kg	
Video format 4:3						
155/115 cm	175	179	62	193/76	14.5	13041
175/125 cm	195	183	56	215/85	15.5	13042
196/147 cm	215	213	64	245/96	17.0	13045
235/195 cm	215	200		292/115	17.0	130480
Format 1:1						
155/155 cm	175	179	22	219/86	14.5	13044
196/196 cm	215	213	15	277/109	17.5	13046
Format 16:9						
195/110 cm	211	200	85	225/89	17.0	130470





MEDIUM Fold Standard - the mobile companion for large-audience presentations



Extendable snap-on frame



Screen surface with 5 cm black surrounding border



Frame made of 32/32 mm square-section aluminium

- Functional frame-folding system
- Easy assembly and disassembly without tools
- Rapid-fold frame consisting of high-quality 32/32 mm square aluminium section, expandable up to 900/300 cm
- Ideal for rental services
- Single elements have max. length of 120 cm
- Lower border of projection screen is height adjustable from approx. 5 to 140 cm (in increments of 15 cm steps)
- Stable, fold-away feet
- Screen surface is attached to the frame with push buttons
- Screen surface includes surrounding 5 cm black border reinforcement for better image clarity
- Small packing size, maximum of approx. 120 cm
- Robust carrying bag for frame and screen included in delivery standard

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, foil base
- Surrounding black border of 5 cm
- Back: grey, virtually opaque

On request

- Single screen surfaces
- Rear projection screen surfaces
- Other formats

Width	×
Width #Big	Tx
x = 5 cm black border	

MEDIUM Fold Standard			
External dimensions*	Diagonal	Weight	Code No.
W/H	cm/inch	net kg	
Video format 4:3			
210/160 cm	250/98	11.0	18449
240/180 cm	286/113	13.0	18450
280/210 cm	336/132	14.0	18451
320/245 cm	389/153	15.0	18457
360/270 cm	436/172	17.0	18458
400/300 cm	486/191	18.0	18452
Cinema format 16:9			
365/210 cm	407/160	18.0	185132-V18
420/240 cm	470/185	20.0	185132-V19
* incl. black border (5 cm)			

Standard and Exclusive Accessory

MEDIUM wheeled case for convenient transport and safe storage

- Robust, practical and shapely
- For all **MEDIUM Fold Standard and** Exclusive folding screens
- Separate compartment for a maximum of two screen surfaces
- Stackable to save space
- Material: polyethylene, colour: grey
- L/W/H: 123/38/34 cm Code No. 18467





MEDIUM Fold Exclusive – ultra-mobile ultra-large and ultra user-friendly

- Sophisticated design frame-folding system
- Easy assembly and disassembly without tools
- One-piece frame consisting of high-quality, 32/32 mm square aluminium section
- Ideal for rental services
- Automatically locking, stable snap joints on the frame and foot supports for safe and easy assembly and disassembly
- Lower border of projection screen is height adjustable from approx. 5 to 140 cm (in increments of 15 cm steps)
- Stable, fold-away feet
- Screen surface is attached to the frame with push buttons
- Screen surface with surrounding 10 cm black border reinforcement for better image clarity

- Dimensions in accordance with international standards
- Small packing size, maximum of approx. 125 cm
- Robust carrying bag included in delivery standard



- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, foil base
- Surrounding 10 cm black border
- Back: grey, virtually opaque

On request

- Single screen surfaces
- Rear projection screen surfaces
- Other formats
- **NEW:** 16:10 format



One-piece folding frame

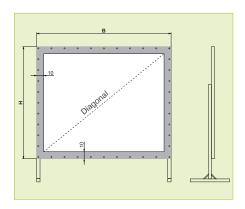


Proven snap joint automatically locks in and can be easily folded up at the touch of a button



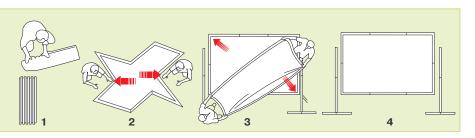
Height adjustable from approx. 5 to 140 cm (back view)

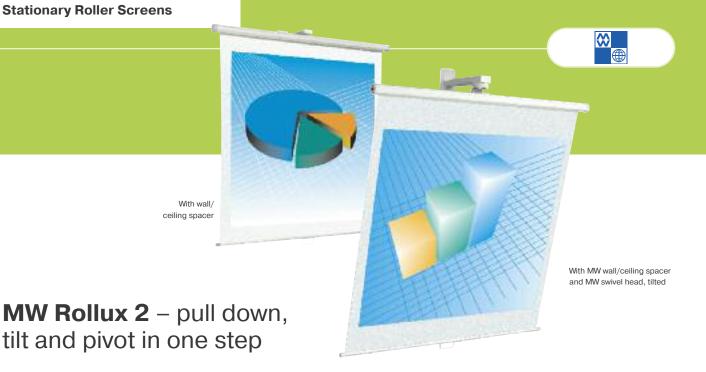
MEDIUM Fold Exclusive			
External dimensions*	Diagonal	Weight	Code No.
W/H	cm/inch	net kg	
Video format 4:3			
220/170 cm	250/98	13.0	18518
264/203 cm	305/120	17.0	18519
300/230 cm	350/138	18.0	18528
325/249 cm	381/150	20.0	18529
345/264 cm	406/160	21.0	18531
406/310 cm	483/190	24.0	18540
Cinema format 16:9			
345/203 cm	374/147	20.0	185132-V16
425/249 cm	465/183	25.0	185132-V04
* incl. black border (10 cm)			



Easy assembly

- 1. Folding system with one-piece frame
- 2. The screen frame is unfolded from the handy package in a couple of steps
- 3. The screen surface snaps on with push buttons
- 4. The feet are fixed to the back with wing screws





MW Rollux 2

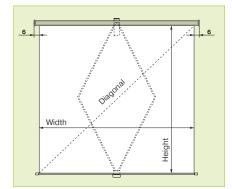
- Distortion-free projection using INC (inclination) technology
- Optimal flatness thanks to the scissor mechanism on the back (therefore stepwise height adjustment)
- Wall or ceiling mounting, single mounting point (central)
- Octagonal sheet steel casing
- Casing colour: white, RAL 9010

With optionally available accessories, Rollux 2 can:

- Tilt from 0° to 15°
- Swivel steplessly left-to-right

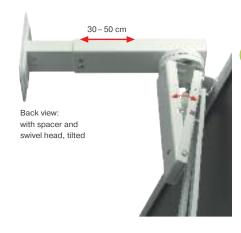
Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, foil base
- Back: black, virtually opaque



MW Rollux 2				
External dimensions	Casing Ø	Diagonal	Weight	Code No.
W/H		cm/inch	net kg	
150/150 cm	5.5 cm	212/84	10.0	13060
180/180 cm	7.2 cm	255/100	12.5	13061
200/200 cm	7.2 cm	283/111	14.0	13062

Instructions for optimum assembly		
Desired mounting	Required accessories	Code No.
Ceiling mounting	no accessories required	
Ceiling mounting + tiltable 0°-15°	no accessories required (just appropriate distance from wall)	-
Ceiling mounting + stepless swivel	swivel head + appropriate distance from wall	13064
Wall mounting	no accessories required	-
Wall mounting + tiltable 0° - 15°	spacer 30-50 cm	13063
Wall mounting + steplessly tiltable	spacer 30-50 cm + swivel head	13063+13064



Accessories

MW Wall/ceiling spacer

Distance to wall or ceiling can be set to 30, 40 and 50 cm. For installation in suspended ceilings and for tilting to eliminate the keystone effect if screen is wall-mounted Code No. 13063

MW swivel head

Enables screen to be swivelled left or right (when wall-mounted only in combination with MW wall/ceiling spacer) Code No. 13064



MEDIUM Rollo Universal and MEDIUM Rollo Premium – instantly ready for use, stop at any position

MEDIUM Rollo Universal

- Ready for use in a single step thank to the proven spring-loaded roll down principle
- Stepless format selection
- Wall or ceiling mounting
- Square sheet steel casing in modern design, profile approx. 6.8 x 6.8 or 8 x 8 cm with a 244 cm screen
- Casing colour: white

Screen surface for MEDIUM Rollo Universal and MEDIUM Rollo Premium

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, woven fabric base
- Back: black, opaque

MEDIUM Rollo Premium Same as MEDIUM Rollo Universal except for:

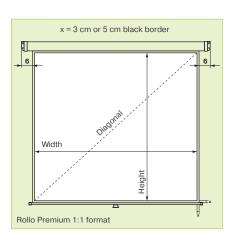
- Retraction of the projection surface with slow-return effect i.e. projection surface rolls up slowly and soundlessly
- Particularly high quality projection surface on a woven base
- 3 cm black border
 - 1:1 format (for 244 cm: 5 cm border)
- Also available in 4:3 and 16:9 formats with black border

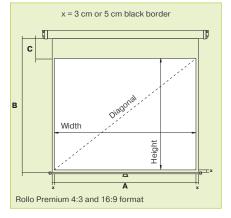


Black border for Premium 4:3 and 16:9 format

MEDIUM Rollo Universal			
External dimensions	Diagonal	Weight	Code No.
W/H	cm/inch	net kg	
153/153 cm	204/80	6.0	184821
183/183 cm	246/97	7.0	184831
203/203 cm	274/108	8.0	184841
244/244 cm	325/128	9.5	184843

MEDIUM Rollo Premium							
External dimensions	Imag sizes	Α	В	С	Diagonal	Weight	Code No.
W/H	W/H	cm	cm	cm	cm/inch	net kg	
Overhead format 1:1							
147/147 cm	153/153 cm				208/82	6.0	16301
174/174 cm	180/180 cm				246/97	7.0	16302
197/197 cm	203/203 cm				279/110	8.0	16303
234/234 cm	244/244 cm				331/130	9.5	16304
Video format 4:3							
170/128 cm		180	158	25	213/84	6.8	16312
193/144 cm		203	180	30	241/95	7.8	16313
234/176 cm		244	212	30	293/115	9.2	16314
Cinema format 16:9							
170/95 cm		180	125	25	195/77	6.8	16322
193/109 cm		203	144	30	222/87	7.8	16323
234/132 cm		244	172	35	269/106	9.0	16324





Accessory

MEDIUM wall spacer

Length infinitely adjustable between 5 and 55 cm

Code No. 184851





MEDIUM Tab Tension –

cinematic experience at home with perfectly flat screen

The motorised MEDIUM Tab Tension screen is the perfect choice for the ultimate cinematic experience at home or for a professional conference room.

- Excellent picture quality and an utterly flat projection surface facilitated by a sophisticated Tab Tension cord tightening mechanism along the sides of the projection screen
- Completely smooth, wrinkle-free projection surface and therefore a perfect image due to the continuous tension of the projection surface thanks to the side tension cord tightening mechanism
- Compact and light aluminium casing in an unobtrusive white design, RAL 9010 white, integrates into any surrounding
- FM = flexible mounting angle for direct wall/ceiling mounting. Mounting attachments freely positionable on casing

 On-wall rocker switch is part of the delivery standard

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, foil base
- 4:3 with 5 cm black border and 20 cm lead, 16:9 with 5 cm black border and 50 cm lead
- Back: black, virtually opaque

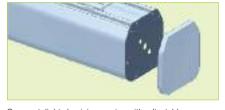


Overall flatness of screen surface facilitated by Tab Tension cord tightening mechanism along the sides of the

Accessory

MW remote control

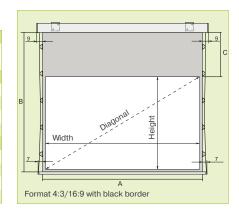
With hand-held transmitter available as an option to order. Refer to page 108 for details. Code No. 184931



Compact, light aluminium casing with adjustable mounting angles

NEW: also available with installation frames upon request. Microperforation is possible on request.

MEDIUM Tab Tension						
Image sizes	Α	В	С	Diagonal	Weight	Code No.
W/H	cm	cm	cm	cm/inch	net kg	
Video format 4:3						
183/137 cm	193	157	20	229/90	16.0	16520
203/152 cm	213	172	20	254/100	17.0	16521
244/183 cm	254	203	20	305/120	23.0	16522
305/229 cm	215	249	20	382/150	28.0	16523
Cinema format 16:9						
183/103 cm	193	153	50	210/83	16.0	16530
203/114 cm	213	164	50	233/92	17.0	16531
244/137 cm	254	187	50	280/110	23.0	16532
305/172 cm	315	222	50	351/138	28.0	16533







MEDIUM Design-Roll Manual and MEDIUM Design-Roll Electric IR – the ideal screens for elegance in home cinema viewing

- Stylish aluminium casing, painted silver-grey
- FM = flexible mounting angle for direct wall/ceiling mounting. Mounting attachments freely positionable on casing
- Mounting attachments freely positionable at right and left on rear of protective casing
- Black border for contrast optimisation

MEDIUM Design-Roll Electric IR

- Plug-and-Play connectivity (plugs into mains power supply)
- Cable exit at left

- IR remote control
- 230 V/50 Hz geared motor for quiet retraction and extension

MEDIUM Design-Roll Manual

projection wall has a hand-operated mechanism instead of an electrical motor for rolling the screen up and down.

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, woven fabric base
- Back: opaque

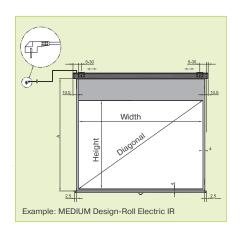




MEDIUM Design-Roll Electric IR: infrared control with handheld unit and plug for mains power supply

MEDIUM Design-R	oll Manual			
Image sizes	External dimensions	Diagonal	Weight	Code No.
W/H	W/H cm	cm/inch	net kg	
Overhead format 1	:1; 4 cm border right and left			
172/172 cm	180/180	249/98	13.5	16212
192/192 cm	200/200	277/109	14.5	16213
Video format 4:3; 4	cm border right and left			
172/129 cm	180/137	215/85	13.5	16222
192/144 cm	200/152	240/94	14.5	16223
232/174 cm	240/182	290/114	16.5	16224
Cinema format 16:	9; 4 cm border right, left and bo	ottom; top approx.	30 cm lead	
172/97 cm	180/131	198/78	13.5	16232
192/108 cm	200/142	220/87	14.5	16233
232/131 cm	240/165	266/105	16.5	16234

MEDIUM Design-Roll Electric IR								
Image sizes	External dimensions	Diagonal	Weight	Code No.				
W/H	W/H cm	cm/inch	net kg					
Overhead format 1:	:1; 4 cm border right and left							
172/172 cm	180/180	249/98	15.0	16252				
192/192 cm	200/200	277/109	16.0	16253				
Video format 4:3; 4	cm border right and left							
172/129 cm	180/137	215/85	15.0	16262				
192/144 cm	200/152	240/94	16.0	16263				
232/174 cm	240/182	290/114	18.0	16264				
Cinema format 16:9; 4 cm border right, left and bottom; top approx. 30 cm lead								
172/97 cm	180/131	198/78	15.0	16272				
192/108 cm	200/142	220/87	16.0	16273				
232/131 cm	240/165	266/105	18.0	16274				





MW MaxxScreen - for projections in gigantic dimensions

Projections in over-sized rooms such as exhibition halls, congress centres and lecture halls require correspondingly large projections screens in order to achieve a professional and attractive presentation.

The MW MaxxScreen has been designed for this exact application area and can be produced up to a size of 12 m wide and 7 m high as standard with a seamless projection surface.

- High quality, sturdy square steel casing in 1 mm sheet steel
- Casing colour: white, RAL 9010
- Ceiling mounting planned as standard
- Wall mounting up to and including a housing diameter of 20/20 cm on request at an additional charge, please consider this when ordering
- Mounting set for installation in suspended ceilings available at an additional charge
- Installation frame with inspection flap, continuous riveted rim available upon request at an additional charge
- Maintenance-free special winding shaft, low-noise and oscillation-free
- Stepless height adjustment of the screen surface

Different dimensions and special formats available.

We recommend requesting professional advice before the purchasing and assembling a MaxxScreen.

Screen surface

- Front projection, type D
- DIN 19045 gain factor, apprx. 1.1

Projection surface type S and rear-projection upon request.

The projection surfaces are possible in 3 different designs

- A seamless woven fabric with good flatness
- A fibreglass reinforced support with very good, even flatness
- Design with screen surface on foil base with tab tension for the best flatness

More information is available on the projection surfaces on request.

The MW MaxxScreen corresponds with the highest safety requirements according to DIN 19045

- The projection surface is attached to the winding shaft with an ultrastrong multi-component adhesive
- Construction design according to DIN 19045, 1-4
- Safety technology according to DIN 19045, 5
- Maintenance-free geared motor with automatic limit shut-down, overheat protection and right drive

Accessories

MW mounting set for installation in suspended ceilings

On request

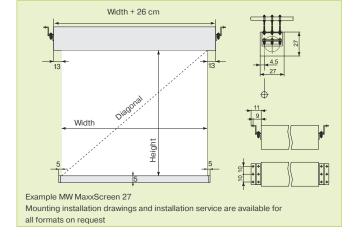
MW wall mount

For MaxxScreen with housing diameter 15/15 cm and 20/20 cm On request

MW remote control

Code No. 184931









MW MovieSmart Rollo - attractive and always just right

- NEW: Retraction of the projection surface with slow-return effect i.e. projection surface rolls up slowly and soundlessly
- Projection surface infinitely adjustable
- Can be wall or ceiling mounted, universal mounting angles are part of the delivery standard
- FM = flexible mounting angle for direct wall/ceiling mounting. Mounting attachments freely positionable on casing
- Aluminium casing, cross-section approx. 8.6 x 8.8 cm
- Steel end caps are flush with casing
- Projection surface is flush with casing thanks to conical weight bar
- Casing colour: white, RAL 9016
- Available in 1:1 format (without border),
 4:3 format and 16:9 format with black border

NEW: 16:10 format upon request

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, woven fabric base
- Back: opaque



Movable mounting angles



Conical weight bar for flush finish with casing

Accessories

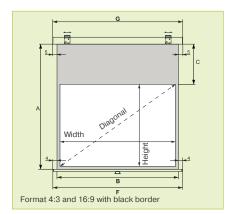
MW wall spacer

• 110 cm space Code No. 135320

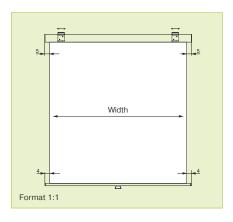
30 cm space

Code No. 135330

50 cm spaceCode No. 135340



MW MovieSmart Rollo						
Image sizes	Α	В	С	Diagonal	Weight	Code No.
W/H	cm	cm	cm	cm/inch	net kg	
Overhead format 1:1						
150/150 cm				212/84	6.0	135000
180/180 cm				255/100	7.5	135010
200/200 cm				283/111	8.5	135020
240/240 cm				339/133	10.5	135030
Video format 4:3						
146/110 cm	150	150	38	183/72	6.0	135040
176/132 cm	180	180	46	220/87	7.5	135050
196/147 cm	200	200	51	245/96	8.5	135060
236/177 cm	240	240	61	295/116	10.5	135070
Cinema format 16:9						
146/82 cm	150	150	66	168/66	6.0	135080
176/99 cm	180	180	79	202/80	7.5	135090
196/110 cm	200	200	88	225/89	8.5	135100
236/133 cm	240	240	105	271/107	10.5	135110







MW MovieSmart Hand Crank - easy handling



Detachable hand crank

Format 1:1





- Movable mounting angles
- Width

- Removable hand crank prevents unauthorised use
- User-friendly thanks to smooth-running crank drive (at the right side)
- Projection surface is flush with casing thanks to conical weight bar
- FM = flexible mounting angle for direct wall/ceiling mounting. Mounting attachments freely positionable on
- Universal ceiling/wall mounting provided in the standard delivery
- Aluminium casing, cross-section approx. 8.6 x 8.9 cm
- Casing colour: white, RAL 9016

NEW: 16:10 format upon request.

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, woven fabric base
- Back: opaque

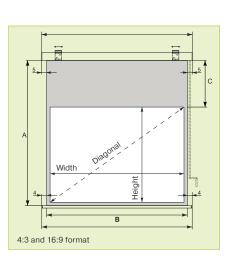
Accessories

MW wall spacer

• 10 cm space Code No. 135320

30 cm space

Code No. 135330 • 50 cm space Code No. 135340



MW MovieSmart Hand Crank								
Image sizes	Α	В	С	Diagonal	Weight	Code No.		
W/H	cm	cm	cm	cm/inch	net kg			
Overhead format 1:1								
150/150 cm				212/84	9.0	135400		
180/180 cm				255/100	10.5	135410		
200/200 cm				283/111	11.5	135420		
240/240 cm				339/133	13.5	135430		
Video format 4:3								
146/110 cm	150	150	38	183/72	9.0	135440		
176/132 cm	180	180	46	220/87	10.5	135450		
196/147 cm	200	200	51	245/96	11.5	135460		
236/177 cm	240	240	61	295/116	13.5	135470		
Cinema format 16:9								
146/82 cm	150	150	66	168/66	9.0	135480		
176/99 cm	180	180	79	202/80	10.5	135490		
196/110 cm	200	200	88	225/89	11.5	135500		
236/133 cm	240	240	105	271/107	13.5	135510		





MW MovieSmart Motor - in elegant design

- Maintenance-free, silent operation thanks to robust tube motor (230 v)
- On-wall switch included in delivery standard, cable exit at top right
- Precise and safe shutdown thanks to additional, built-in micro-switch
- Projection surface infinitely adjustable
- Steel end caps are flush with casing
- FM = flexible mounting angle for direct wall/ceiling mounting.
 Mounting attachments freely positionable on casing
- Mounting angles can be moved horizontally along the screen casing
- Aluminium casing, cross-section approx. 8.6 x 8.8 cm

- Projection surface is flush with casing thanks to conical weight bar
- Casing colour: white, RAL 9016
- Available in 1:1 format (without border),
 4:3 format and 16:9 format with black border

NEW: 16:10 format upon request.

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, woven fabric base
- Back: opaque

Accessories

MW remote control

Code No. 184931 Refer to page 108 for details

MW wall spacer

- 10 cm space
- Code No. 135320
- 30 cm space
 Code No. 135330
- 50 cm space
- Code No. 135340



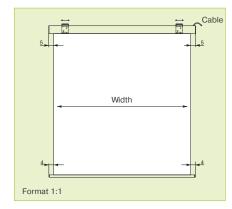
Rocker switch, included in the delivery standard



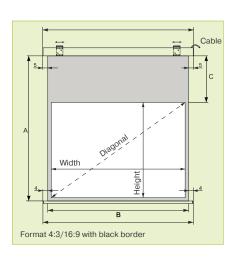
Movable mounting angles



Conical weight bar for flush finish with casing



MW MovieSmart Motor						
Image sizes	Α	В	С	Diagonal	Weight	Code No.
W/H	cm	cm	cm	cm/inch	net kg	
Overhead format 1:1						
150/150 cm				212/84	12.7	135120
180/180 cm				255/100	15.5	135130
200/200 cm				283/111	16.5	135140
240/240 cm				339/133	21.0	135150
Video format 4:3						
146/110 cm	150	150	38	183/72	12.7	135160
176/132 cm	180	180	46	220/87	15.5	135170
196/147 cm	200	200	51	245/96	16.5	135180
236/177 cm	240	240	61	295/116	21.0	135190
Cinema format 16:9						
146/82 cm	150	150	66	168/66	12.7	135200
176/99 cm	180	180	79	202/80	15.5	135210
196/110 cm	200	200	88	225/89	16.5	135220
236/133 cm	240	240	105	271/107	21.0	135230





MW RollFix Premium Hand Crank Pro - professional large-sized projection even without electrical installation



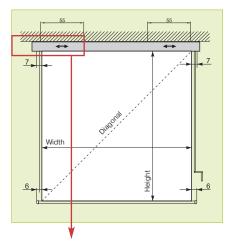
- Removable hand crank prevents unauthorised use
- User-friendly thanks to smooth-running crank drive (at the right side)
- Projection surface infinitely adjustable
- Can be wall or ceiling mounted, universal mounting angles are part of the delivery standard
- Suitable for installation in suspended ceilings with accessories
- FM = Flexible mounting angle For direct wall/ceiling mounting. Free positioning of the mounting angle on the housing up to a maximum of 55 cm using ceiling profile grooves
- For integration into a suspended ceiling a functional installation frame for a clean ceiling finish is optionally available (refer to page 109)

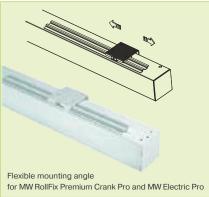
- Projection surface is flush with casing thanks to conical weight bar
- Square steel casing in 10 x 10 cm and 12 x 12 cm for shaft diameter of min. 7 x 9 cm for perfect flatness and less edge warpage
- Casing colour: white, RAL 9003

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, woven fabric base
- Back: opaque
- Front projection, type S
- DIN 19045 gain factor, approx. 1.7
- MW-Novalux, on a woven fabric base
- Back: opaque

NEW: optimum flatness





MW RollFix Premium Hand Crank Pro – without black border									
External dimensions	Diagonal	Casing	Crank length	Weight	Code No.				
W/H	cm/inch	W/H		net kg					
Type D – overhead format 1:1									
180/180 cm	255/100	10/10 cm	180 cm	25	132410-Pro				
200/200 cm	283/111	10/10 cm	180 cm	28	132430-Pro				
240/240 cm	340/134	10/10 cm	180 cm	32	132450-Pro				
270/270 cm	382/150	12/12 cm	221 cm	37	132455-Pro				
300/300 cm	424/167	12/12 cm	221 cm	44	132470-Pro				
Type D – video format	4:3								
200/150 cm	250/98	10/10 cm	180 cm	28	132420-Pro				
240/180 cm	300/118	10/10 cm	180 cm	32	132440-Pro				
300/225 cm	375/148	12/12 cm	221 cm	44	132460-Pro				
Type S – overhead for	mat 1:1								
240/240 cm	340/134	10/10 cm	180 cm	32	132490-Pro				
300/300 cm	424/167	12/12 cm	221 cm	44	132510-Pro				
Type S – video format	Type S – video format 4:3								
240/180 cm	300/118	10/10 cm	180 cm	32	132480-Pro				
300/225 cm	375/148	12/12 cm	221 cm	44	132500-Pro				



Conical weight bar for flush finish with casing



description refer to



Removable hand crank

Refer to pages 108 and 109 for accessories.



MW RollFix Premium Electric Pro – professional large-format projection

- NEW: maintenance-free robust tube motor in new, very silent operation design (230 v)
- Supplied with flush-mount switch and approx. 300 cm connecting cable (exit top right)
- Safety thanks to automatic shutdown using a micro-switch
- Projection surface infinitely adjustable
- Can be wall or ceiling mounted, universal mounting angles are part of the delivery standard
- Suitable for installation in suspended ceilings with accessories
- FM = flexible mounting angle for direct on-wall or on-ceiling mounting. Free positioning of the mounting angle on the housing up to a maximum of 55 cm using ceiling profile grooves
- For integration into a suspended ceiling a functional installation frame for a clean ceiling finish is optionally available (refer to page 109)

MW RollFiv Premium Flectric Pro - without black border

- Projection surface is flush with casing thanks to conical weight bar
- Square steel casing in 10 x 10 cm and 12 x 12 cm for shaft diameter of min. 7 x 9 cm for perfect flatness and less edge warpage
- Casing colour: white, RAL 9003

Screen surface

- Front projection, type D
- DIN 19045 gain factor, approx. 1.2
- Matt white, woven fabric base
- Back: opaque
- Front projection, type S
- DIN 19045 gain factor, approx. 1.7
- MW-Novalux, on a woven fabric base
- Back: opaque

NEW: now also available in 4:3, 16:9 and 16:10 format with a black border.

Refer to pages 108 and 109 for accessories.

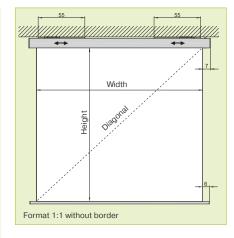


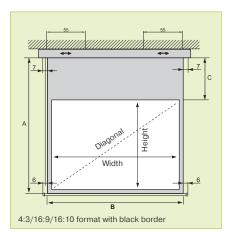
NEW: optimum flatness

Screens lager than 300 cm upon request. Refer to page 102 for MaxxScreen.

External dimensions	Diagonal	Casing	Weight	Code No.
W/H	cm/inch	W/H in cm	net kg	
Type D – overhead format 1:1				
180/180 cm	255/100	10/10	25	132300-Pro
200/200 cm	283/111	10/10	28	132320-Pro
240/240 cm	340/134	10/10	32	132340-Pro
270/270 cm	382/150	12/12	37	132345-Pro
300/300 cm	424/167	12/12	44	132360-Pro
Type D – video format 4:3				
200/150 cm	250/98	10/10	28	132310-Pro
240/180 cm	300/118	10/10	32	132330-Pro
300/225 cm	375/148	12/12	44	132350-Pro
Type S – overhead format 1:1				
240/240 cm	340/134	10/10	32	132380-Pro
300/300 cm	424/167	12/12	44	132400-Pro
Type S – video format 4:3				
240/180 cm	300/118	10/10	32	132370-Pro
300/225 cm	375/148	12/12	44	132390-Pro

MW RollFix Premium Electric Pro – with black border						
Image sizes	Α	В	С	Diagonal	Weight	Code No.
W/H	cm	cm	cm	cm/inch	net kg	
Video format 4:3						
172/129 cm	137	180	4	215/85	24	132600-Pro
192/144 cm	152	200	4	240/95	28	132610-Pro
232/174 cm	182	240	4	290/114	32	132620-Pro
262/197 cm	205	270	4	328/129	36	132630-Pro
292/219 cm	227	300	4	365/144	44	132640-Pro
Cinema format 16:9						
192/108 cm	142	200	30	220/87	28	132660-Pro
232/131 cm	165	240	30	266/105	32	132670-Pro
262/147 cm	181	270	30	301/119	36	132680-Pro
292/164 cm	227	300	30	335/132	44	132690-Pro
Monitor format 16:10						
232/145 cm	179	240	30	274/108	32	132920-Pro
262/164 cm	198	270	30	309/122	36	132930-Pro
292/183 cm	217	300	30	345/136	44	132940-Pro







Accessories for MW RollFix Premium Hand Crank Pro and Electric Pro



0 4 x

MW wall/ceiling spacer

Space from wall or ceiling approx. 30 cm, colour: white, RAL 9003 Code No. 13279

Space from wall or ceiling approx. 40 cm, colour: white, RAL 9003 Code No. 13280

MW mounting set for suspended ceilings

This set allows the screen to be mounted into suspended ceilings (up to 100 cm). Delivery standard: 4 threaded rods approx. length 100 cm with mounting set and mounting angles Code No. 13270

Accessories for MW RollFix Premium Electric Pro

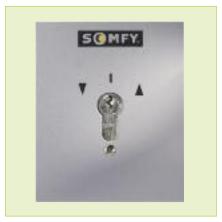


MW radio remote control with hand transmitter

Receiver (flush-mount) and hand transmitter Code No. 184931

On-wall casing

for remote receiver Code No. 18493-3



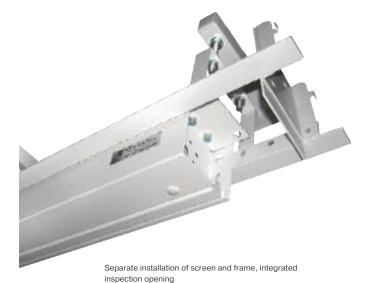
Key-operated switch Lockable to prevent unauthorised use, for concealed installation Code No. 13100



On-wall switch Revolving switch, up/stop/down Code No. 13101







RollFix Premium Pro with mounted ceiling installation frame

MW RollFix Premium Pro Installation Frame – neat and tidy finish for installation in suspended ceilings

The installation frame perfectly matches the RollFix Premium Pro projection screens. It allows convenient and visually attractive installation in suspended ceilings with easy access for inspection purposes.

- Specially designed for installation of RollFix Premium Crank Pro or Electric Pro in suspended ceilings
- Integrated inspection opening optionally available
- Frame made of sheet steel, 1.5 mm thick
- Colour: white, RAL 9003
- Mounting set for suspended ceilings (compare Code No. 13270) included in the standard delivery

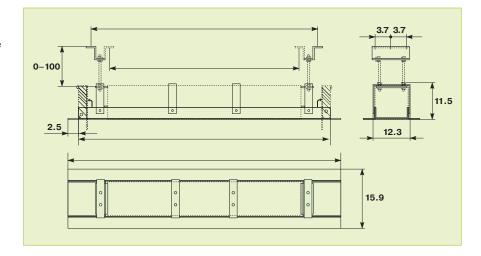
- Easy to install: frame installs first, then the screen; both components can also be removed separately
- Inspection opening at each casing side of the frame integrated up to 240 cm width
- Supplied and installed as a modular system consisting of an installation frame and RollFix Premium Pro Screen (refer to pages 106-107)

MW RollFix Premium Pro installation frame		
For formats	Code No.	
Width		
180 cm	132710-Pro	
200 cm	132720-Pro	
240 cm	132730-Pro	
270 cm	132735-Pro	
300 cm	132740-Pro	

The code numbers and prices for the RollFix Premium Pro screens and other accessories are on pages 106-107.

Installation frame Example:

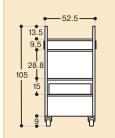
MW RollFix Premium Pro up to 240 cm wide **Detailed drawings for all dimensions** on request.

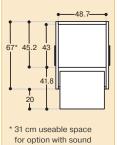




MediaSprint L - mobile, lockable and multifunctional







system

 NEW: lifting base, sound system and laptop connection desk

- Mobility on 4 large functional castors (2 lockable) and folding push handles sunk into the housing
- Fixed middle shelf and power outlet socket
- Continuous shutter guide rail prevents sticking
- Edge protectors on the castors protect against damage to the container
- 2 standard designs: brushed aluminium body/matt chrome shutter or light grey container (similar to RAL 7035)/ matt chrome shutter
- Dimensions H/W/D: 105/53/67 cm
- Weight (basic model) approx. 40 kg

MediaSprint brushed aluminium/ matt chrome shutter Code No. 1892-ALU

MediaSprint light grey/ matt chrome shutter Code No. 1892-GREY

Other container surfaces on request (e.g. beech, maple etc.)





Model design with laptop attachment retracting/lifting base and passive sound system

MediaSprint RackCaddy - an attractive solution for 19" units

This product is based on the basic housing of the MediaSprint L (refer to page 106) but without side handles

- Using the Adam-Hall rails, up to a total of 12 height units (1 HU = 1" or 2.54 cm) of equipment with different functions can be individually set to the required height
- The items of equipment can be simply cabled and connected with each other on the back on the back
- The detachable, sturdy punched sheet panel enables simple access
- Multi-socket and 2 cable outlet sockets integrated in the container

- Good mobility thanks to the standard set of 75 mm castors
- Dimensions H/W/D: 105/53/67 cm
- Weight (basic model) approx. 40 kg

MediaSprint RackCaddy

Polished aluminium container/ matt chrome shutter Code No. 1891-ALU

MediaSprint RackCaddy

Container in light grey (similar to RAL 7035) / matt chrome shutter Code No. 1891-GREY



Example: the flexible elements offer lots of options







Accessories for the MediaSprint L, RackCaddy and lectern

1) Retracting/lifting base

For use with short throw projectors or visualisers.

The projector is placed in front of the furniture when in use, and therefore guarantees that no disturbing items of furniture get in the way of the projector's low beam angle.

• The base is lifted on a telescopic guide using 2 handles

- It can be inserted into the furniture together with the device placed on it
- Dimensions/storage space H/W/D: approx. 18/47/52 cm
- Only the sound system, Code No. 18940 can be used (see no. 3)
- Load capacity: approx. 12 kg
- Not for use with a keyboard shelf Code No. 18921/18925/18934
- Recommended accessories Front panel, Code No. 18927 Code No. 18938



2) Laptop attachment

Practical attachment desk for using a laptop at a standing workstation. The person giving the lecture therefore never has their back to the audience and can easily maintain eye contact with the listeners and the presentation on the screen.

- Simply attach to the furniture and remove after use of the laptop attachment, conveniently stowing it away inside
- Load capacity: approx. 6 kg
- Dimensions W/D: 40/27.5 cm Code No. 18939



3) Passive sound system

For sound presentations from a laptop and DVD/VHS player.

- Only in combination with the power supply kit, Code No. 18923
- 3 inputs + microphone input
- High-performance 3-way speaker connected with an amplifier power of 2 x 100 w
- Output 2 x 20w rms
- Suitable for rooms up to approx. 100m²
- Recommended accessories Perforated front panel, Code No. 18927
- Dimensions of amplifier H/W/D: 10/25/21 cm

Code No. 18940



4) Laptop/keyboard shelf

sliding on telescopic guide rail Code No. 18921

5) Revolving laptop keyboard shelf (not shown)

- For use in all MediaSprint L
- Pivotable by 270°
- W/D: 47.2/38 cm Code No. 18925

6) Utensils drawer

On castor guides Code No. 18922

7) Power supply kit

for MediaSprint L, RackCaddy

- Power supply plug on casing incl. 4x power socket box
- 7.5 m signal colour supply cable
- Version for Germany

Code No. 18923

8) RJ45 data socket (not shown)

incl. 5 m feed cable and cable set to level of laptop or digital projector Code No. 18926

More accessories on request.

9) Active sound system

- Only in combination with the power supply kit, Code No. 18923
- For sound presentations from a laptop and DVD/VHS player
- Suitable for rooms up to approx. 100m²
- Including perforated front panel and cable set

Code No. 18924

10) Punched sheet front panel,

without sound system Code No. 18927

11) Set of castors

for MediaSprint L, RackCaddy (Ø 120 mm) for rough, uneven floors Code No. 18929



Active sound system design









Multimedia Furniture ConferenceLine

- Infinite, spring-supported height adjustment
- Lockable cabinet element with shelf
- Built-in 3-way socket
- 4 rubber-coated double castors (Ø 65 mm), 2 lockable
- Design: frame and punched sheet panel in white aluminium (RAL 9006) plates in antique white

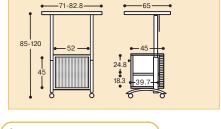
Special designs (beech, maple etc.) upon request.



MEDIUM ConferenceLine DVP

- Worktop tilts up to 10°
- Cable outlet in cabinet element and in worktop
- Trapezoidal worktop W/D: approx. 71-82.5/65 cm
- External dimensions of cabinet element H/W/D: approx. 45/52/45 cm
- Height: 85-120 cm
- Weight: approx. 40 kg

Code No. 18800







Accessory

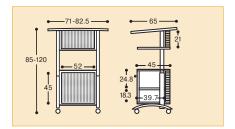
Semicircular side plate for ConferenceLine DVP (not illustrated) W/D: 27.5/55 cm Code No. 18801



MEDIUM ConferenceLine Lecterns

- Inclined worktop with slide prevention edge
- Inclination angle of 15°
- Storage shelf faced with perforated plate below the worktop
- Trapezoidal worktop
 - W/D: approx. 71-82.5/65 cm
- External dimensions of cabinet element H/W/D: approx. 45/52/45 cm
- Height: 85-120 cm Weight: approx. 45 kg

Code No. 18804

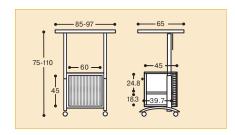


height adjustment

MEDIUM ConferenceLine TV/Video

- Cable outlet in the cabinet element and in the monitor surface
- Trapezoidal monitor surface W/D: approx. 85-97/58 cm
- External dimensions of cabinet element H/W/D: approx. 45/60/45 cm
- Height: 75-110 cm
- Weight: approx. 45 kg

Code No. 18802



Multimedia Furniture FlexLine

- Lockable vertical roller shutters
- Lockable and removable door made of perforated sheet on the back of the container
- Built-in 3-way socket
- 4 double castors (Ø 50 mm), 2 lockable
- Design: carriage, perforated steel panel and roller shutters in white aluminium (RAL 9006), Container in antique white
- Dimensions of container H/W/D: approx. 112.5/63.4/60 cm

Special designs (beech, maple etc.) upon request.



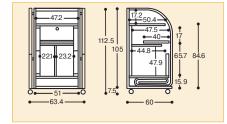




Front view of the closed container

MEDIUM FlexLine DVP

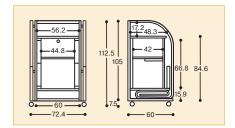
- Top fixed shelf with cable outlet for mounting a projector
- Centre: 1 video/keyboard pull-out shelf
- Bottom: 1 shelf for a Midi tower, shelf dimensions H/W/D: 45/18/44 cm
- Weight: approx. 40 kg Code No. 18810





MEDIUM FlexLine Multimedia 19"

- Top: fixed shelf with cable output
- Bottom: shelf for 19" units (max. 14 high units, in 25 mm sections)
- Incl. retaining mount for three 19" inserts
- Optional: additional retaining mount and shelves
- Weight: approx. 45 kg Code No. 18812



Accessory

Insert shelf for Multimedia 19" Code No. 18815





Multimedia Cabinets - lockable cabinets, optimal for storing your valuable equipment

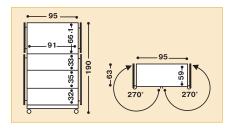
- Unit cabinet with two doors for dust-free storage
- Ventilation grate in each part of the cabinet
- Safety lock and additional bar fastening
- Doors: the 270° swivel means that there are no obstructions when the doors are open for easy rearrangement and mobility without damaging your equipment
- Triple power socket with 5 m cable
- Top and bottom shelf with an approximate load capacity of 60 kg
- Extendable middle shelf with an approximate load capacity of 20 kg
- Shelf with height adjustment
- 4 castors (Ø 75 mm), 2 lockable
- Colour: wood design with grey-white steel elements in RAL 9002



MEDIUM Media Cabinet TV 7 – 4 door cabinet

- 4 door cabinet for storing all your valuable equipment and accessories
- Separate access to the top and bottom cabinets
- Good access to the cable exit
- Steadiness is ensured; even with particularly heavy equipment
- External dimensions H/W/D: 190/95/63 cm
- Inner dimensions of TV compartment H/W/D: 66.1/91/59 cm
- Weight: 75 kg

Code No. 18007-TV



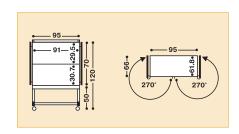
MEDIUM Media Cabinet TV 8 -2 door cabinet



- Unit cabinet with two doors for dust-free storage of your equipment such as for TV/video units and accessories
- The top panel is equipped with a 4 cm raised edge at the back and side (provides protection during transport)
- External dimensions H/W/D: 120/95/66 cm
- Weight: 45 kg Code No. 18008-TV

Other decors on request.

Other media cabinets available on request.



Lecterns - stylish and prestigious

MEDIUM Lectern Multistage

- Stylish lectern with modern arched tubular-steel base and strong aluminium column
- Height of manuscript panel is easy to adjust (with telescopic extension)
- Angle of tilt of the manuscript panel: 15°
- Manuscript panel with raised bottom edge (approx. 1 cm) W/D: 60/45 cm
- Shelf on anodised aluminium column, steplessly adjustable by means of handwheels, W/D: 40/30 cm
- 4 castors for mobility (Ø 65 mm, height: 75 mm, 2 lockable)
- Colour of anodised aluminium column: natural anodised and steel components: white aluminium (RAL 9006), powder-coated

- Colour of shelf: white aluminium, similar to **RAL 9006**
- Dimensions H/W/D: 100-130/57/60 cm
- Weight: 17 kg Code No. 180250-W



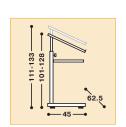


MEDIUM Lectern Economy

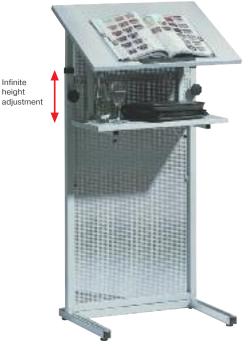
- Easy height-adjustment with handwheels
- Manuscript panel with raised bottom edge (approx. 1 cm) W/D: 62.5/50 cm
- Extra storage shelf W/D: 55/25 cm
- Stationary, can be optionally equipped with a set of castors
- Wooden parts are melanin-coated, metal parts are powder-coated
- Colour of steel parts: light grey, RAL 7035, wood decor in light grey
- Material of front panel: perforated metal
- Dimensions with castors H/W/D: 111-138/62.5/45 cm
- Dimensions with feet H/W/D: 102-132/62.5/45 cm
- Weight: 20 kg

MEDIUM lectern Economy	
Wood decor in light grey or beech	
Steel: light grey, RAL 7035	Code No.
MEDIUM lectern Economy	1894
MEDIUM lectern Economy	
with light	1894-L
MEDIUM lectern Economy	
with castors	1894-F
MEDIUM lectern Economy	
with light and castors	1894-FL

Other decors on request.



Infinite







MEDIUM ConferenceLine lectern refer to page 112.



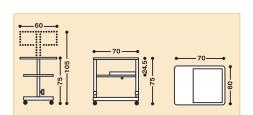


Projection Trolleys – for frequent movement of equipment from room to room

- Strong tubular-steel frame to ensure vibration-free projection
- 4 castors (2 lockable) to combine steadiness with mobility
- Colour: light grey, RAL 7035

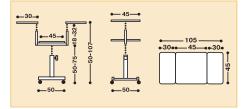
MEDIUM Projection Trolley PT6 – practical

- Worktop height adjustable from 75-105 cm with OHP recess (W/D: 42/54 cm) for OHP (with roll-feed cassette)
- Work table at side W/D: 22/54 cm (without frame)
- OHP set-down table W/D: 42/42 cm
- The height of the OHP set-down table measured to the bottom edge of the recessed top is 24.5 cm
- Dimensions H/W/D: 75-105/70/60 cm
- Weight: 25 kg Code No. 180062



MEDIUM Projection Trolley PT5 – multifaceted

- Main table steplessly height adjustable
- 2 side tables, height adjustable and laterally adjustable
- Dimensions of main table H/W/D: 50-75/45/45 cm
- Dimensions of side tables H/W/D: 18-32/30/45 cm
- Overall height: 75-107 cm
- Weight: 13 kg Code No. 180051

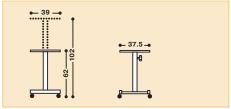


MEDIUM Projection Trolley PT3 – manageable

- Main table steplessly height adjustable
- Dimensions H/W/D: 62-102/37.5/39 cm
- Main table W/D: 37.5/39 cm
- Overall height: 62-102 cm
- Load capacity: up to 20 kg
- Weight: 7.5 kg

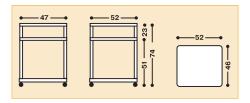
height adjustment

Code No. 18033



MEDIUM Projection Trolley PT10 – robust

- Projector trolley with one shelf made of rectangular-section tubing (25 x 25 mm)
- 3 braces on right and left hold the OHP firmly on the table top
- 4 double castors for mobility (2 lockable)
 - Frames and shelves finished in RAL 7035 (light grey), plastic components in black
- Overall dimensions H/W/D: 74/52/47 cm (without extra board)
- Dimensions to projector table H/W/D: 51/52/47 cm
- Weight: 12 kg Code No. 180102



Accessory

Table top for use as an extra level and to enable the presenter to work standing up (without illustration)

- The table rests on top of the frame and is secured from below using 2 handwheels
- Dimensions H/W/D: 1.8/52/46 cm
- Weight: 3.5 kg Code No. 180102-N



MEDIUM Projection Trolley VT1 with and without

undertop cabinet - convenient functionality

Projection trolley without undertop cabinet • 3 different combination options **Delivery standard:**

- 3 shelves, 1 set of slot-in square support in different lengths,
 - 8 pieces approx. 42.5 cm
 - 4 pieces approx. 22 cm
- of all elements
- Weight: 13.5 kg
- More details: such as MEDIUM VT1 with undertop cabinet (1802-T)

Code No. 1802

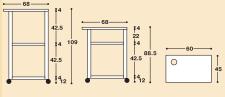




Projection trolley with undertop

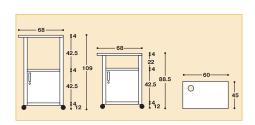
cabinet - storage space on castors

- Approx. 45 cm high, lockable undertop cabinet
- 2 different height settings (approx. 88.5 and approx. 109 cm)
- Very strong and sturdy
- Easy to assemble
- Highly mobile: 4 castors (2 lockable)
- Frame sections: high strength, scratch-resistant black plastic
- Cabinet: metal with black finish



- Cut-out to accommodate wiring (Ø 6 cm)
- Load capacity: 90 kg per projection surface
- Dimensions H/W/D: 88.5 or 109/60/45 cm
- Weight: 20.5 kg

Code No. 1802-T





Four-square frame sections make the VT 1 very sturdy

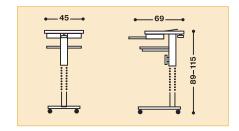




MEDIUM Projection Trolley Paladio - professional

- Steplessly adjustable height from 89-115 cm (winding mechanism) ensures the projector will almost be set at the optimum height
- Top unit shelf W/D: 40/63 cm tilts by 10°
- Drawer for notebook W/D: 44/38 cm
- Shelf for a video recorder W/D: 45/47 cm
- Includes triple power socket with 5 m cable
- Load capacity: 40 kg
- Mobile on 4 castors (2 lockable)
- Colour: light grey, RAL 7035
- Dimensions H/W/D: 89-115/45/69 cm

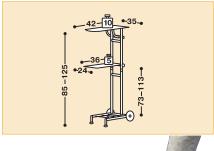
Code No. 180112



MEDIUM Projection Trolley VT3 - the all-round talent



- Totally steady: allows convenient keyboard operation
- Gas-filled spring-strut mechanism allows stepless height adjustment of top and bottom shelves
- Easy mobility on large rollers Ø 12.5 cm
- Both shelves fold away
- Top shelf load capacity: 10 kg
- Bottom shelf swivels, Load capacity: 5 kg
- Front feet adjustable for tilting
- Also suitable as a trolley for projectors or other equipment
- Colour: white, RAL 9016
- Top shelf W/D: 35/42 cm
- Bottom shelf W/D: 24/36 cm
- Total height: 85-125 cm
- Weight: 13 kg Code No. 18003





MEDIUM Projection Trolley Multistage – multifunctional combination options

- Solid and sturdy construction on an anodised aluminium column
- Including 3 steel panels (35 x 32 cm) that can be progressively adjusted on an anodised column and can be positioned on either side of the column
- On the top level, 2 steel panels with a total area of 32 x 70 cm can be attached
- Load-bearing capacity of the individual steel plates 8-10 kg
- Triple socket with 1.4 m cable for a quick power supply to equipment
- 4 castors for mobility (Ø 65 mm, height: 75 mm, 2 lockable)
- Colour of aluminium column: natural anodised
- Colour of steel parts: white aluminium (RAL 9006) powder-coated
- Dimensions H/W/D: 100-145 (with telescopic extension)/ 50/73 cm
- Weight: 16 kg
 Code No. 180200-W

Accessories

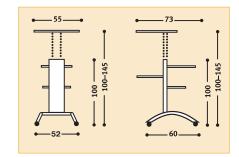
1) Steel panel W/D: 32/35 cm Weight: 4 kg

Code No. 180210-W

2) Steel panel W/D: 32/35 cm with telescopic extension

The height of the extension is steplessly adjustable with the approx. 45 cm lift and can be secured in place the handwheel Weight: 4.5 kg

Code No. 180220-W





2 steel panels positioned on one level result in a total area of W/D: $32/70 \ \text{cm}!$



Multi-way socket integrated on the back



The telescopic extension increases the projection trolley by 45 cm

MEDIUM DESIGN EXKLUSIV



MEDIUM Lectern Multistage – stylish and functional

- Stylish lectern with modern arched tubular-steel base and strong aluminium
 column
- Height of manuscript panel is easy to adjust (with telescopic extension)
- Angle of tilt of the manuscript panel: 15°
- Manuscript panel with raised bottom edge (approx. 1 cm) W/D: 60/45 cm
- Shelf on anodised aluminium column, steplessly adjustable by means of handwheels, W/D: 40/30 cm
- 4 castors for mobility (Ø 65 mm, height: 75 mm, 2 lockable)
- Colour of anodised aluminium column: natural anodised and steel components: white aluminium (RAL 9006), powder-coated

- Colour of shelf: white aluminium, similar to RAL 9006
- Dimensions H/W/D: 100-130/57/60 cm
- Weight: 17 kg
 Code No. 180250-W







MEDIUM Rail System PartnerLine –

the ideal partner for space-saving solutions



- Top and bottom rail ducts ensure that efficient use is made of space and wall
- Individual presentation elements can be slid past each other or below each other for easy access and to save space
- Rail material: powder-coated aluminium in traffic white, RAL 9016, white plastic corners, tray made of white plastic
- All elements are supplied complete with an adapter set (spacers/suspension material)

1) MEDIUM double rail

- Basic system element approx. 240 cm (length can be shortened as required)
- Optimal mounting height: approx. 205 cm

• Including end caps, connecting elements, white decorative strips, installation material and paper clamp rolls for holding posters and other documents

Code No. 18700

2) MEDIUM corner element 90° for double rail

- For running the rails neatly round 90° corners
- 1 piece

Code No. 18703

3) MEDIUM adapter set

 Spacers and mounting material for the top and bottom rail (as spares) Code No. 18702



All-inclusive delivery standard



Strong corner connector



Universal adapter set



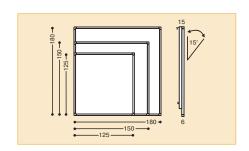
MEDIUM PartnerLine Screens

- The range extends from standard sizes to screens for small rooms
- Viewing angle of 45°
- Steplessly tiltable screen surface from 0° to 30°, keystone correction
- Coated hard-foam screen with matt white surface for good viewing even under daylight conditions (type D)
- Including adapter set



Side view of the screen, steplessly tiltable screen surface

MEDIUM PartnerLine Screens	
W/H	Code No.
180/180 cm	18711
150/150 cm	18710
125/125 cm	18709
(especially for small rooms)	



MEDIUM PartnerLine Pin Board

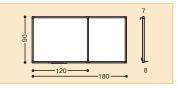
- Notes and memos are easily attached and removed with MEDIUM pins
- Top-class quality, leaving no visible pinholes
- Including adapter set

Upon request

Max size H/W: approx. 120/200 cm

MEDIUM PartnerLine Pin Board Fabric Fabric cover Blue Grey H/W Code No. Code No. 90/180 cm 18719 18717 90/120 cm 18720 18716

MEDIUM PartnerLine Pin Board Cork		
Cork cover		
H/W	Code No.	
90/120 cm	18724	









Felt, grey

Cork surface

Accessory MEDIUM set of pins

20 marker flags, 20 pins, 100 map pins
 Code No. 1862

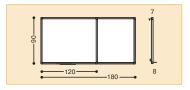
MEDIUM PartnerLine Whiteboard

- Magnetic enamelled steel metal (strong and durable)
- Writable and dry-wipes clean
- Including adapter set and tray

MEDIUM PartnerLine Whiteboard		
	H/W	Code No.
	90/180 cm	18714
	90/120 cm	18713

Upon request

Max size H/W: approx. 120/200 cm



Accessories

MEDIUM whiteboard starter set

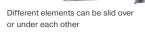
- 4 whiteboard markers (red, green, blue, black)
- Magnetic marker holder for 4 markers
- 10 felt strips for eraser
- Cleaning spray/magnets

Code No. 1839-63

MEDIUM whiteboard markers

Set with 10 whiteboard markers

Red, green, blue, black
 Code No. 1838-11



MEDIUM PartnerLine Flip Chart

- Magnetic enamelled base,
 H/W: approx. 100/70 cm
 (can also be used as a whiteboard)
- Flip chart clamp rail with adjustable paper holders for all standard punch-hole configurations (paper up to approx. 100/65 cm, 70 g/m²)
- As each sheet is completed it can be flipped over
- The clamp rail is also a tear-off edge for removing sheets cleanly
- Including adapter set and white tray (approx. 30 cm)
- Dimensions H/W/D: 116/74/33 cm
- Weight: 9.9 kgCode No. 18706



Accessories

MEDIUM flip chart starter set

- 4 flip chart markers in red, green, blue, black
- Magnetic marker holder for 4 markers
- 10 felt strips for eraser
- Cleaning spray/magnets Code No. 1839-51

MEDIUM flip chart markers

- Set of 10 flip chart
- Black, red, blue, green
 Code No. 1839-11

MEDIUM flip chart pads recycled paper, squared and plain

- 50 sheets with 6 punch holes for universal pads
- H/W: 99/65 cm
- Packing unit: 3 pads

Code No. 1836-50

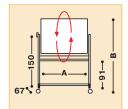






MEDIUM Revolving Board versatile and mobile

- The double-sided, pivot-mounted board turns 360° and can be locked at any angle by tightening the locking knob
- White enamelled steel, writable, dry-wipes clean and magnetic
- Including frame mounted on fore castors (2 lockable)
- Full-length marker tray
- Board frame: aluminium, white



MEDIUM revolving board				
Board size H/W	Α	В	kg	Code No.
100/200 cm	210	194	50.2	185014142
100/150 cm	160	194	40.6	185014140

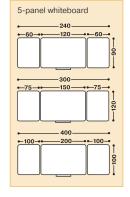


Confidential data is protected from view by folding panels closed

MEDIUM Panel Whiteboard – variability when space is at a premium

5-panel whiteboard

- For group work and meetings
- Whiteboard panels made of high-grade enamelled steel
- Writable, dry-wipe clean and magnetic
- The hinged side panels close easily with the drawer mechanism so the front can be used as well
- Board frame: aluminium with plastic corners
- Delivery standard: with installation material and marker tray



MEDIUM 5-panel whiteboard			
Board size H/W	Side-panel format H/W	Code No.	
120/150 cm	120/ 75 cm	1850120150-C	
100/200 cm	100/100 cm	1850100200-C	

3-panel whiteboard on request



MEDIUM Design Flip Chart Quick Clamp

- Converts a magnetic whiteboard into a flip chart
- With adjustable paper holders
- Suitable for standard paper sizes up to 100/65 cm (70 g/m²)
- Dimensions H/W/D: 6/70/3.5 cm
- Weight: 0.57 kg Code No. 1833





MEDIUM Whiteboard Exclusive -

the exclusive classic whiteboard

- The Exclusive series with the enamelled steel surface is characterised by a perfect dry-wipe clean finish without residues and outstanding durability
- Writable with whiteboard markers
- Dry wipe clean
- Magnetic
- Board frame: aluminium
- Including installation material and marker tray
- Installs in portrait or landscape format

MEDIUM whiteboard Exclusion	sive
Format H/W	Code No.
45/ 60 cm	18504560
60/ 90 cm	18506090
90/120 cm	185090120
90/180 cm	185090180
100/150 cm	1850100150
100/200 cm	1850100200
120/150 cm	1850120150
120/180 cm	1850120180
120/240 cm	1850120240
120/300 cm	1850120300



MEDIUM Whiteboard/Projection Board suitable for short throw projection



- This product is similar to the whiteboard Exclusiv, but cannot just be used for writing, it doubles up as a projection surface
- Matt white surface
- Non-reflecting surface without hotspot
- Wall-mounting possible

 This can also be used for interactive work with short throw projectors from Epson, Hitachi, SANYO and others

Short throw digital projectors on pages 19-21.

MEDIUM whiteboards/projection boards, matt white				
Format H/W	Code No.			
Format 4:3				
118/157 cm	1855118157			
120/170 cm	1855120170			
Format 16:9				
112,5/180 cm	1855112180			
118/189 cm	1855118189			
120/200 cm	1855120200			
Special sizes				
150/150 cm	1855150150			
150/200 cm	1855150200			

Other sizes on request

MEDIUM Whiteboard Standard - for the smaller budget

MEDILIM urbitahaard Stan

- The Standard series with paint-finished surfaces are whiteboards for the smaller budget
- Writable with whiteboard markers
- Dry wipe clean
- Magnetic
- Board frame: aluminium
- Including installation material and marker tray
- Installs in portrait or landscape format

MEDIUM whiteboard Standard	
Format H/W	Code No.
45/ 60 cm	18524560
60/ 90 cm	18526090
90/120 cm	185290120
90/180 cm	185290180
100/150 cm	1852100150
100/200 cm	1852100200
120/180 cm	1852120180
120/240 cm	1852120240
120/300 cm	1852120300



MEDIUM Fabric and Cork Boards

MEDIUM Fabric Board

- Affix important notes to the board quickly and easily with MEDIUM pins
- Fabric surface, so pinholes close up immediately even after frequent usage
- Board frame: aluminium
- Installs in portrait or landscape format
- Available in blue

MEDIUM Cork Board

- Pinholes close up and are completely invisible in the cork surface
- Board frame: aluminium
- Installs in portrait or landscape format

MEDIUM fabric board fabric cover blue			
W/H	Code No.		
60/ 90 cm	18736090-BL		
90/120 cm	187390120-BL		

MEDIUM cork board	
W/H	Code No.
60/ 90 cm	1870-K4-A
90/120 cm	1870-K5-A
90/180 cm	1870-K7-A
100/150 cm	1870-K8-A







MEDIUM Flip Chart Mobile the deluxe version

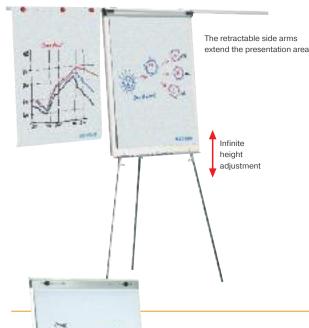
- Mobile deluxe flip chart with rail clamp and height adjustment
- Pressure spring makes height adjustment ergonomic and user-friendly
- Quick change clamp for all flip chart pads
- Magnetic surface, writable and dry wipe
- Integrated marker tray
- Convenient to work with, because the charter tilts to an angle of 30° without loss
- Easy manoeuvrability with 5 casters (3 lockable)
- The round stand is recessed for unobstructed access to the writable
- Two side arms are included in delivery standard (integrated into back of the surface)

- This item matches the Multistage lectern/projection trolley in white aluminium (similar to RAL 9006)
- Board size H/W: 106/74 cm
- Overall height: 175-200 cm
- Weight: 25 kg Code No. 18350-W

MEDIUM flip chart Mobile light grey

 The same product as the flip chart Mobile white aluminium but in light grey, **RAL 7035**

Code No. 18348-V01



Infinite

height

adjustment

MEDIUM Flip Chart Exclusive – the classic flip chart

- White coated steel surface, magnetic, writable and dry-wipes clean
- Strong tripod stand
- Height steplessly adjustable
- 2 extractable clamps for paper
- 2 movable paper holders for all standard flip chart pads
- Integrated tray for flip chart markers
- Writable area H/W: 90/70 cm
- Overall height: max. 200 cm, variable
- Weight: 18 kg Code No. 1831

MEDIUM Flip Chart Standard – functional and practical

- White coated steel surface, magnetic
- Strong tripod stand
- Height steplessly adjustable
- 2 movable paper holders for all standard flip chart pads
- Integrated tray for flip chart markers
- Writable area H/W: 90/70 cm
- Overall height, 190 cm, variable
- Weight: 11 kg Code No. 1832

Accessories for pin boards and whiteboards

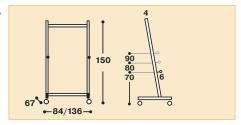
(MEDIUM)

MEDIUM Board Tripod – Mobile flexible and versatile

- These boards can be quickly and easily set to three different heights (refer to sketch)
- Mobile on 4 castors (2 lockable) yet sturdy
- Overall height of stand: 175-200 cm
- Sturdy steel profile in white, RAL 9016
- Frames are also to be used for planning and pin boards

Other stands available on request.

Suitable for boards from a width of:					
Tripod W/D	Weight	Code No.			
84/67 cm	9.4 kg	185011			
136/67 cm	10.8 kg	185012			
	Tripod W/D 84/67 cm	Tripod W/D Weight 84/67 cm 9.4 kg			





Accessories for whiteboards

1) MEDIUM witheboard starter set

- 4 whiteboard markers (red, green, blue, black)
- Magnetic marker holder for 4 pens
- Magnetic eraser with replaceable felt pad
- 10 felt strips for eraser
- 100 ml cleaning spray
- 10 magnets in assorted colours

Code No. 1839-63

2) MEDIUM whiteboard markers

Set with 10 whiteboard markers

- Dry wipe clean
- Red, green, blue, black
 Code No. 1838-11

3) MEDIUM marker holder

• for 4 marker pens Code No. 1838-2

4) MEDIUM board wiper

with replaceable felt pad Code No. 1839-5

5) MEDIUM felt strips, 10 units

- for magnetic eraser
- Self-adhesive/non-permanent Code No. 1839-6

6) MEDIUM magnets, 20 units

- Ø 30 mm
- Red, green, blue, black
 Code No. 1839-35

7) MEDIUM cleaning spray, 100 ml

 For periodically cleaning whiteboards Code No. 1839-70

8) Design flip chart quick clamp – see page 122



Accessory for pin boards

MEDIUM set of pins

 20 marker flags, 20 pins, 100 map pins Code No. 1862

Flip chart accessories

1) MEDIUM flip chart starter set

- 4 flip chart markers red, green, blue, black
- Magnetic marker holder for 4 pens
- Magnetic eraser with replaceable felt pad
- 10 felt strips for eraser
- 100 ml cleaning spray
- 10 magnets in assorted colours

Code No. 1839-51

2) MEDIUM flip chart markers

 Set of 10 flip chart black, red, blue, green Code No. 1839-11

3) MEDIUM flip chart pad, white, free of wood, squared and plain (not shown)

- 20 sheets with 6 punch holes for universal pads H/W: 99/65 cm
- Front: squared, 25 mm sized squares
- Rear side: plain
- Packing unit: box of 5 pads Code No. 1836

MEDIUM flip chart pad, recycled paper, squared and plain (not shown)

- 50 sheets with 6 punch holes for universal pads H/W: 99/65 cm
- Front: squared, 25 mm sized squares
- Rear side: plain
- Packing unit: 3 pads

Code No. 1836-50



1



MEDIUM Display Boards – for lively communication



Typical applications for **MEDIUM** display boards:

Seminar rooms, exhibitions, museums, hotels, congress centres and education institutions

- Efficient display medium, because both sides are usable (upright)
- 4 castors (2 lockable) for mobility
- Total height including stand and castors: 195 cm
- Straight base H/W/D: 1.5/3/55 cm
- Elegant aluminium frame: anodised aluminium
- Steel: white aluminium (RAL 9006)

1) MEDIUM display board undivided

- For stationary use in seminar rooms
- Steady, one-piece presentation surface
- Dimensions of erected board H/W: 150/120 cm

2) MEDIUM display board divided

- For mobile use: folding and easy to transport
- Quick and easy to open or fold up thanks to a catch made of bevelled steel sheet and star handle for interlock
- No open hems because the surface material is processed continually
- Dimensions of erected board H/W: 150/120 cm
- Dimensions of folded board H/W: 75/120 cm









1) MEDIUM display board undivided	
incl. straight stand with castors	
Board size H/W: 150/120 cm	Code No.
Felt, blue-grey, double-sided	18963-A
Cardboard, white, double-sided	18964-A
Cardboard, white-grey, double-sided	18965-A
Cork, double-sided	18959-A
Whiteboard panel, double-sided, magnetic	18967-A
Cardboard, white, single-sided, other side blue-grey felt	18969-A
Cardboard, white, single-sided, other side cork	18970-A

2) MEDIUM display board divided	
incl. straight stand with castors	
Board size H/W: 150/120 cm	Code No.
Felt, blue-grey, double-sided	18961-A
Cardboard, white, double-sided	18962-A
Cardboard, mottled white-grey, double-sided	18960-A
The divided, foldable version with cork surface or whiteboard steel is not available	
since the hems of this board would be open.	





MEDIUM Varioboard – three-in-one: flip chart, whiteboard and display board

- Ideal for short meetings and small rooms
- One side is a whiteboard: writable, dry wipe clean, magnetic
- Including flip chart paper clamp with adjustable paper holders for all standard flip chart pads up to approx. 65/100 cm
- The other side is a pin board in blue-grey felt
- Foot stand: welded with 4 castors (2 lockable)
- Board frame: anodised aluminium
- Steel color: white aluminium (RAL 9006) powder- coated
- Board dimensions H/W: 120/78 cmTotal dimensions H/W: 194/84 cm
- Weight: 11 kgCode No. 185012078



Accessories for display boards

1) MEDIUM presentation case Profi – always ready to hand

- Elegant, lockable silver aluminium case
- Clear arrangement of presentation aids neatly held in moulded compartments
- Incl. detachable carrying strap
- Dimensions H/W/D: 48/16/37 cm
- Weight: 6 kg

Contents:

Presentation cards in assorted colours*

- 5 cloud cards, 25 x 42 cm
- 250 cards, Ø 9.5 cm, round*
- 150 cards, Ø 14 cm, round*
- 150 cards, Ø 19.5 cm, round*
- 250 cards, 20.5 x 9.5 cm, rectangular*
- 200 cards, 19 x 11 cm, oval*
- 500 marker points (red and green)
- 10 flip chart markers (6x black, 4x red)
- 4 jumbo markers (red, green, blue, black)
- Telescopic pointer
- Pair of paper scissors
- 1 roll of transparent adhesive tape with tape holder
- 1 roll of adhesive tape
- 2 glue sticks
- 300 pins
- 1 pin cushion
- 1 paper cutter

Code No. 1896300-M2

Refill set for presentation case Profi

(not shown)

Assorted colours

- 250 round cards, Ø 9.5 cm
- 125 round cards, Ø 14 cm
- 125 round cards, Ø 19.5 cm
- 250 rectangular cards, 20.5 x 9.5 cm
- 250 oval cards, 19 x 11 cm

Code No. 1896300-S2

3) MEDIUM presentation paper in light brown (not shown)

- Simply attach with pins to the presentation board
- H/W: approx. 140/110 cm
- Paper weight: 60 g/m²
- 50 sheets per box

Code No. 18958

4) MEDIUM flip chart markers

(not shown)

- Set of 10 markers for pin board and flip chart paper
- Red, green, blue, black
 Code No. 1839-11

5) MEDIUM set of pins

- 20 marker flags
- 20 pin board pins
- 100 map pins

Code No. 1862









MEDIUM Partition Boards –

communication, organisation and presentation

- In either portrait or landscape format the boards meet any presentation requirements
- Board system can be extended at any time and combined in a multitude of different ways for maximised versatility
- Both sides are usable = twice the active presentation area
- Elegant design: frame in anodised aluminium, powder-coated steel in RAL 9006 (white aluminium)

1-5) Boards

- Including adapter for securing the boards to the stands to the tripod
- The boards can be used in **portrait** and landscape format thanks to thread inserts
- Height/width: approx. 150/120 cm (portrait format), approx. 120/150 cm (landscape format)

Upon request

- Other coloured felt covers
- Linen structure surface

6) Stands (without base)

Must always be ordered along with the board

- As a side stand for free-standing boards
- As a middle stand for chain-linked sequences of boards
- Oval tubular stand, approx. 5 x 2.5 cm
- Height: approx. 192 cm

Code No. 1897-A

7-9) Stand bases

Must always be ordered along with the stand

7) T-base

- Including assembly screws, floor pads
- Weight: 1.3 kg
- H/W/D: 2.5/5/60 cm
- Code No. 18971-A

8) Plate base, oval, steel

- Including assembly screws and floor pads
- Oval W/D: 30/45 cm
- Weight: 7 kg

Code No. 18972-A

- 9) Middle base, round Black adjusting screw for adjusting the height of middle stands
- For optimum steadiness and floor grip when multiple partitions are chain-linked
- Code No. 18973-A

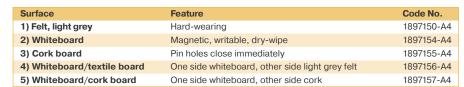
Be sure to order:

board

+ stands code No. 1897-A

(free-standing version: 2 stands)

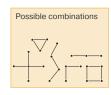
+ stand base of your own choice

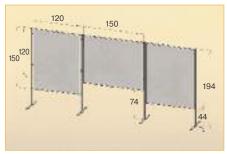






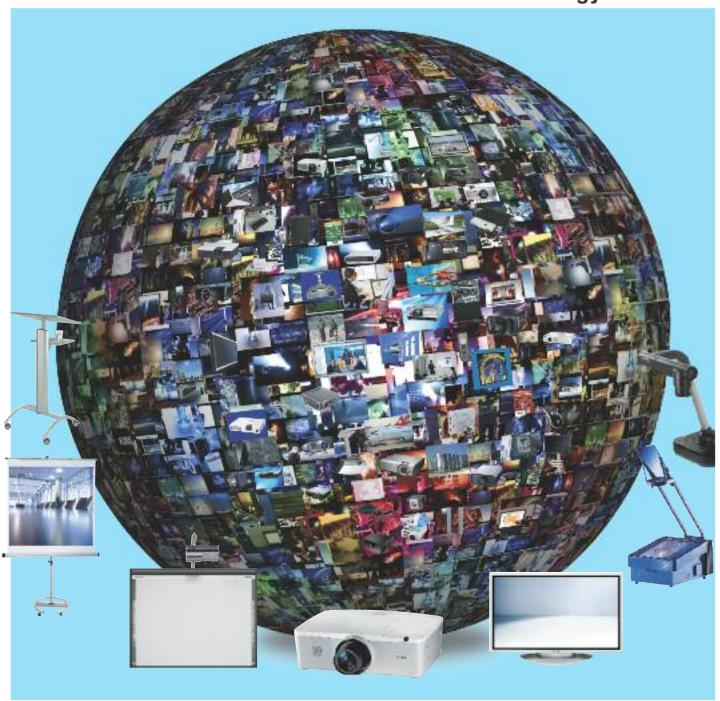






Installs in portrait and landscape format

The Whole World of Presentation Technology





Tél: 71 286 810 Fax: 71 286 140 12, rue Mohamed Ali Jenah - Tunis Site Web: www.presert.com E-mail:commercial@presert.com



MEDIUM Caddy Brochure Stand – display your literature to best effect

Ideal for showrooms, trade-fair stands, company foyers or conference rooms

Functionality

The compartmentalised holder is at a slight angle, so brochures and catalogues are held upright and can conveniently be taken out of the stand

Wall-mounting possible

Clarity plus eye-catching attractiveness:

10 A4-size compartments for approx. 40 single-sheet brochures (depending on thickness of paper) Dimensions of compartments H/W/D: 19.0/23.5/1.5 cm Frame: black or white aluminium Compartments: chrome-plated

Space-saving Height: 136.9 cm Base: 30/24 cm

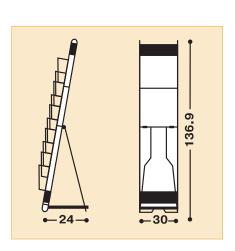
Weight: 6.5 kg

Caddy white aluminium

Code No. 0953-S

Caddy black

Code No. 0953



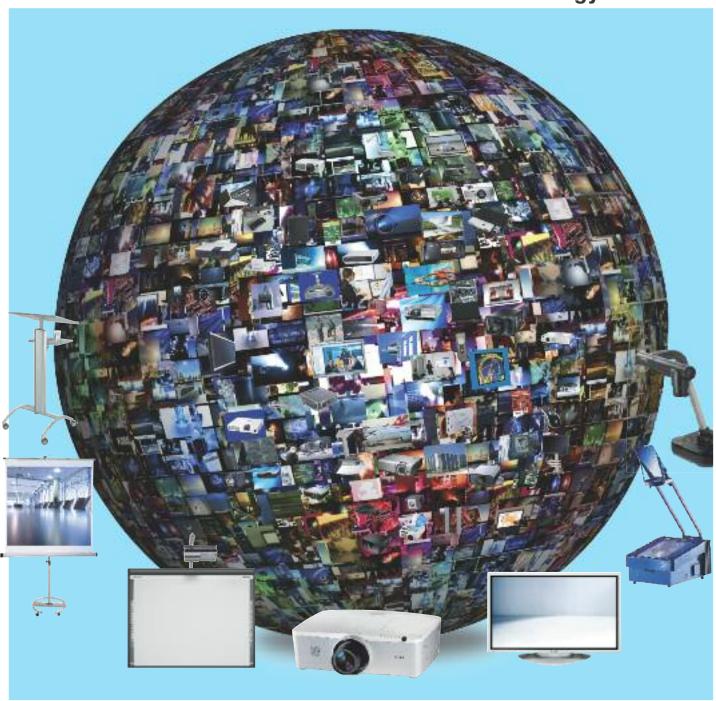




Wall-mounting possible



The Whole World of Presentation Technology





Tél: 71 286 810 Fax: 71 286 140 12, rue Mohamed Ali Jenah - Tunis Site Web: www.presert.com E-mail:commercial@presert.com